

Lewis, W.

A Bibliography

1762

Linum Usitatissimum

of

Materia Medica, Linum Usitatissimum Linne

The author describes its uses and gives its medicinal use.

By

John Peter Rocca

1763

Advertisement

Conn. Cour., No. 1122, Nov. 19, 1787, p. 4, - c. 3.

Calist Bull advertises that the Linseed is now in repair.



1800

Advertisement

Pub. Gas. and Balt. Daily A Thesis No. 2713, Dec. 29, 1800.

Submitted For The Degree Of

Graduate In Pharmacy

1805

Advertisement

Bardonia (Ky.) Seat. Am. v. R. No. 81, Nov. 23, 1805, p. 2 -

c. 4.

Flaxseed wanted.

3 shillings per bushel more or 3 shilling 2 c. at Mann's Lick will be paid by Frazer and Sillix.

1806

Coxe, J. R.

University Of Wisconsin

Green Linl

1923

Am. Dispens., 1 ed., p. 478. Ibid., 4 ed., p. 500; Ibid., 7 ed., p. 435.

List, the method of preparation of the oil and the Pharmacopoeia's in which it is official.

Lewis, W.

1761

Lini Semen

Materia Medica, p. 351.

The author describes flaxseed and gives its medicinal use.

1787

Advertisement

Conn. Cour., No. 1156, Mch. 19, 1787, p. 4, - c. 3.

Caleb Bull advertises that the Linseed Oil Mill in Hartford is now in repair.

1802

Advertisement

Fed. Gaz. and Balt. Daily Adv., 17, No. 2713, Dec. 29, 1802,

p. 1 - c. 3.

Cash will be given for flaxseed by Lorman and Fulford.

1805

Advertisement

Bardstown (Ky.) West. Am., v. 2, No. 81, Mch. 22, 1805, p. 3 -

c. 4.

Flaxseed wanted.

3 shillings per bu. at store or 3 shilling 9 d. at Mann's Lick will be paid by Prather and Smiley.

Coxe, J. R.

1806

Oleum Lini

Am. Dispens., 1 ed., p. 476. (ibid., 4 ed., p. 390; ibid., 7 ed., p. 435.)

Lists the method of preparation of the oil and the Pharmacopoeia's in which it is official.

Massachusetts Medical Society

1808

Oleum Lini

Pharm. Mass. Medical Soc., p. 88.

Lists the method of preparation of Linseed Oil.

Thacher, J.

1810

Oleum Lini Usitatissimi

New Dispens., 2 ed., p. 468.

Lists the part of the plant from which the oil is extracted, and the use of the commercial grade of oil.

1813

Advertisement

Lex. Ky. Gaz., v. 4, No. 28, July 13, p. 3 - c. 4.

The highest price in cash will be given for Flax and Hemp Seed by Downing and Graus.  
July 12, 1813 - 28TB

1813

Advertisement

Russellville, Ky. - The Sovereign People, v. 1, No. 22, Nov. 24,  
1813.

Good clean flaxseed wanted. 3 shilling per bushel, or in goods or oil if delivered at mill, 6 miles N. W. of R. will be paid by Job Hammer.  
Sept. 13, 1813 - 3.

1813

Advertisement

Lex. Ky. Gaz., v. 4, No. 31, Aug. 3, 1816, p. 3 - c. 5.

The highest price in cash will be given for Flax and Hemp Seed by Wm. Bobb.  
Lex. July 31, 1813 - 31-TF

Henry, S.

1814

## Linum Usitatissimum

A New and Complete American Medical Herbal, p. 119.

The drug is discussed according to description, habitat, medicinal properties and preparations. An illustration is also given.

Thornton, R. J.

1814

## Linum Usitatissimum

Family Herbal or Account of Medical Properties of British and Foreign Plants, 2 ed., p. 331.

The author lists a description of the plant, its history, medicinal use and preparations.

1814

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 Advertisement

Cinc. West. Spy, N. S. v. 1, No. 7, Sept. 3, 1814, p. 1 - c. 2.

Cash will be given for any quantity of Flax Seed and Rape Seed by Elhan Stone.

Cinc. Feb. 19, 1814 - 81TF.

1815

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 Advertisement

Cinc. West. Spy, N. S. v. 1, No. 46, June 2, 1815, p. 3 - c. 5.

Danby and Foote have now for sale Flax Seed oil at the Oil Mill in Cinc. Flax Seed is also wanted for cash.

Cinc. May 25, 1815 - 38TF.

1815

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 Advertisement

Cinc. West. Spy, N. S. v. 1, No. 38, April 8, 1815, p. 3 - c. 5.

Thomas Danby & Co. will pay cash for seed at the Oil Mill in Cinc. They will in a few days have a quantity of Linseed Oil for sale.

Cinc. Apr. 4, 1815 - 38TF.

1816

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Advertisement

Cinc. West. Spy, N. S. v. 2, No. 99, June 7, 1816, p. 3 - c. 4.

Cinc. prices current June 7, 1816.

Flax Seed per bushel .50 and oil per gal. (Cinc. Oil Mill) 1.37.

1816

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Advertisement

Cinc. West. Spy, N. S. v. 2, No. 91, Apr. 12, 1816, p. 3 - c. 3.

Cinc. prices current the present week.

Flax Seed per bushel .50 and oil per gal. (Cin. O. M.) bbl. 1.50.

1816

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Advertisement

Cinc. West. Spy, N. S. v. 3, No. 4, Aug. 9, 1816, p. 3 - c. 3.

Cinc. prices current 8-9-16.

Flax Seed per bushel .50 and oil per gal. (Cin. O. M.) bbl. 1.375

1818

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Advertisement

Cinc. West. Spy, v. 5, No. 222, Sept. 5, 1818, p. 4 - c. 6.

Linseed oil for sale by the bbl. or gal. by E. & J. N. Robins.

Sept. 3, 1818 - 22TF.

1818

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 Advertisement

Cinc. West. Spy, N. S. v. 4, No. 204, May 2, 1818, p. 3 - c. 4.

Marvin D. Averill having purchased the Oil Mill formerly owned by Hough & Wheelock will pay cash for flax seed and oil supplied him.

Apr. 25, 1818 - 2TF.

1818

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 Advertisement

Cinc. West. Spy, N. S. v. 4, No. 206, May 16, 1818, p. 3 - c. 4.

Jeremiah Neave & Son will constantly keep a supply of a superior quality of flax seed oil manufactured by the people called Shakers.

May 14, 1818 - 66W.

1818

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 Advertisement

Cinc. West. Spy, N. S. v. 5, No. 211, June 20, 1818, p. 1 - c. 4.

Jeremiah Neave & Son have flax seed oil of a superior quality for sale. It is manufactured by the people called Shakers.

May 14, 1818 - 66W.

1818

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 Advertisement

Cinc. West. Spy, N. S. v. 5, No. 111, June 13, 1818, p. 4 - c. 2.

Marvin D. Averill will pay cash for all flax seed. All orders for oil answered punctually.

Apr. 25, 1818 - 3TF.

1819

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 Advertisement

Cinc. West. Spy and Gen. Adv., N. S. v. 6, No. 279, Oct. 19, 1819, p. 3 - c. 5.

The highest price in bankable money will be paid for any quantity of flax seed delivered at the Oil Mill of W. and E. Williams.

Cinc. Oct. 7, 1819 - 79 TF.

1819

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Advertisement

Cinc. West. Spy and Cinc. Gen. Adv., N. S. v. 6, No. 279, Oct. 9, 1819, p. 1 - c. 5.

.875 per bushel will be paid for any quantity of flax seed, delivered at the Oil Mill in Cinc. during the present year by E. & J. N. Robins.

Cin. Sept. 18, 1819 - 763W.

1819

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Advertisement

Cinc. West. Spy, v. 5, No. 239, Jan. 2, 1819, p. 1 - c. 4.

Cash will be given for Linseed Oil by W. S. Johnston & Co. Cinc. Dec. 12, 1818 - 36TF.

1819

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Advertisement

Cinc. West. Spy, v. 5, No. 232, Jan. 2, 1819, p. 1, - c. 3.

A few barrels of Linseed Oil are wanted immediately by G. V. H. DeWitt.

Cinc. Sept. 19, 1818 - 24TF.

1821

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Advertisement

Cinc. West. Spy, N. S. v. 7, No. 354, Mch. 17, 1821, p. 1 - c. 5.

200 barrels of flax seed oil are wanted, for which cash will be given, if delivered soon to P. S. Goodman.

Cinc. March 14, 1821.

- Bigelow, J. 1822  
 Oleum Lini  
 Treatise on Materia Medica, p. 245.  
 Gives an account of the properties of linseed oil and its use as an external application and its use internally. The dose is also given.
- Guerin, M. 1832  
 Flaxseed  
 Am. Journ. Pharm., 4, p. 162.  
 Lists the constituents of the mucilaginous portion of flaxseed.
- (Griffith, R. E.) 1834  
 Purification of Linseed Oil  
 Am. Journ. Pharm., 6, p. 85.  
 Describes the methods of purification of linseed oil.
- Hagner, C. V. 1834  
 Remarks on the Culture of Seeds for, and the manufacture of vegetable oils.  
 Am. Journ. Pharm., 6, pp. 56-57.  
 Tells how rape seed was used in Germany to adulterate linseed oil for oil paintings.
- Wood, G. B. and Bache, F. 1834  
 Oleum Lini  
 U. S. Dispens., 2 ed., p. 460. (ibid., 3 ed., p. 451; ibid., 4 ed., p. 465; ibid., 5 ed., p. 491; ibid., 10 ed., p. 505; ibid., 12 ed., p. 582; ibid., 13 ed., p. 598; ibid., 14 ed., p. 622; ibid., 15 ed., p. 1016; ibid., 17 ed., p. 942; ibid., 19 ed., p. 852.)

The official synonym is listed together with the Pharmacopoeias in which the oil is official, the method of preparation of the oil, its physical properties, medical properties, its used and the official preparations.

Carson, J.

1845

(Purification of Linseed Oil)

Labeille Med., —, p. —. (Amer. Journ. Pharm., 17, p. 78.)

The method of purifying linseed oil is described.

Sari, F.

1846

(On the Composition of Linseed Oil and Its Products, by Oxidation)

Ann. d. Chem. u. Pharm., —, p. —. (Pharm. Journ., 6, p. 266.);

(Am. Journ. Pharm., 18, p. 76.)

Tells about the composition of linseed oil and its products when it is oxidized.

Porcher, F. P.

1849

On the Indigenous Medicinal Plants of South Carolina

Trans. of Am. Med. Assoc., 2, p. 720.

States that flaxseed is cultivated there on account of the seeds which are well known for their demulcent properties.

Van Ryn, M.

1851

(On Linseed Oil in Hoemorrhoids)

L'Union Medicale, —, p. —. (Am. Journ. Pharm., 23, p. 87.)

Explains how to use linseed oil in case of hoemorrhoids.

Liebig, J.

1852

On the Manufacture of Drying Linseed Oil Without Heat

Pharm. Journ., 11, p. 470. (Am. Journ. Pharm., 24, p. 269.)

The method is given for the manufacture of drying linseed oil without the aid of heat.

Plummer, J. L.

1853

Decolorizing Property of the Essential Oils

Am. Journ. Pharm., 25, p. 400.

Tells about the decolorizing property of linseed oil.

Proctor, Wm.

1854

On a New Variety of Flaxseed

Am. Journ. Pharm., 26, p. 493.

Outlines the history of a new variety of flax seed.

St. Louis Seed & Oil Co.

1858

Cultivation of Flax Seed and Castor Beans

Resources S. Fields and Forests, 2 ed., p. 94.

Gives a complete discussion on the method of cultivation of flax including, the kind of soil, how to prepare it, kind of seed, time to sow seed, amount of seed to use, time of cutting, method of cutting, method of threshing and cleaning, yield, cost of production and the certainty of the crop.

Parrish, E.

1859

Pharmaceutical notes of Travel

Am. Journ. Pharm., 31, p. 209.

Tells how flaxseed is prepared to make cataplasms.

Winkler, E. 1859

Preparation of Varnish of a Pale Color from Linseed Oil

Drugg. Circ., 3, p. 85.

A formula is given for the preparation of a varnish of a pale color from linseed oil.

1859

(Employment of Borate of Manganese in Boiling Linseed Oil)

The Artizan, —, p. —. (Drugg. Circ., 3, p. 66.)

Tells of the use of borate of protoxide of manganese in the boiling of linseed oil for varnishes.

1860

(Linseed Oils)

Scien. Amer., 13, p. —. (Drugg. Circ., No. 4, p. 141.)

Gives figures on the amount of oil imported to this country. Also gives a lengthy discussion on the method of the manufacture of the oil and the by products and their uses.

Dragendorff, G. 1862

(Content of Starch in Various Seeds)

Henneberg's Jour. f. Landwirtschaft, 10, p. 206. (Am. Journ. Sci. and Arts, 85, p. 123; Am. Journ. Pharm., 35, p. 139.)

Determines the following points in connection with various seeds including linseed:- loss by drying, loss by treatment with alcoholic solution of potash, starch, cellulose, cork, cuticle, lignin, mucilage and insoluble mineral matters.

1862

(Linaceae)

Bouplandia, 1, p. —. (Proc. Am. Pharm. Assoc., 10, p. 98.)

Modes of distinguishing filaments of flax are outlined.

- Berjot, M. 1863  
 Sur la Quantite D'huile Fournie par les Graines Oleagineuses  
 Journ. de Pharm., 112, p. 277. (U. S. Dispens., 12 ed., p. 583.)  
 The article states that the oil is obtained by expression  
 and should contain 34% oil.
- King, J. 1864  
 Oleum Lini  
 Am. Dispens., 6 ed., p. 559. (ibid., 10 ed., p. 485.)  
 Gives a brief outline of the properties of linseed oil.
- Tegtmeier, W. B. 1864  
 On a New Method of Analysing Oil Cake  
 Amer. Journ. Pharm., 36, p. 265. (Chem. & Drug., v. 4., p. 216;  
 Proc. Am. Pharm. Assoc., v. 12, p. 97.)  
 Finds Bisulfuret of Carbon a better Extracting Agent than  
 ether.
- 
- 1864
- Flax and Flax Cotton  
 Sci. Amer., 17, p. 32. (Drugg. Circ., 8, p. 176.)  
 The source of lint and linen is from *Linum Usitatissimum*.
- Caulkins, F. M. 1866  
 Linseed Oil Mills  
 History of Norwich Conn., p. 606.  
 The first mill was at Bean Hill in 1748. It was owned by  
 Hezekiah Huntington.  
 At Norwich Falls E. and S. Lathrop in 1778 offered one  
 gallon of oil for one bushel of well cleaned seed.

- Nickles, M. J. 1866
- Faits Nouveaux Concernant les Huiles Grasses  
 Journ. de Pharm., 82, p. 332. (Amer. Journ. Pharm., 38, p. 299.)  
 Lists several new properties of fatty oils including linseed oil.
- Mulder, —. 1868
- Chemistry of Oil Paints  
 Journ. Chem. Soc., 17, p. 117. (Chem. & Drugg., 8, p. 156;  
 Amer. Journ. Pharm., 40, p. 259.)  
 Gives the chemistry of linseed oil and discusses its use as an oil paint.
- Byrne, —. 1870
- (Linseed Oil and Its Preparation for Painter's Use)  
 Handbook for Artisan, p. —. (Drugg. Circ., 14, p. 107.)  
 Discusses linseed oil and its preparation for painter's use.
- Greenish, T. 1870
- The Flax Lints of Commerce Under the Microscope  
 Yr. Bk. Br. Pharm. Conf., p. 409.  
 Gives a lengthy explanation of the mixture of cotton in flax lints and how they can be differentiated by means of the microscope.
- Mee, G. 1870
- Linum Usitatissimum  
 Pharm. Journ., 27, p. 686. (Drugg. Circ., 14, p. 112)  
 Tells of adulterations in linseed meal which is used for poultices and how these adulterations have done harm to the part to which the poultice is applied.

- Greenish, T. 1871  
 Linseed and Linseed Meal  
 Yr. Bk. Br. Pharm. Conf., 1871, p. 590.  
 Gives a lengthy discussion on adulterations, uses and the kinds of linseed which are the best for certain preparations.
- Gurnel, M. 1871  
 Sur la Preparation des Cataplasmes Emollients  
 Journ. de Pharm., 4, p. 167. (Yr. Bk. Br. Pharm. Conf., p. 288.)  
 Gives a method of preparing an emollient linseed cataplasm.
- Vincent, —. 1871  
 Process of preparing Linseed Oil  
 Sci. Amer., 24, p. 337. (Drugg. Circ., 15, p. 123.)  
 Discusses different processes of preparing linseed oil as compared to the Vincent Process.
- Blundell, Spence & Co. 1872  
 How to Detect Adulterations of Oils  
 Am. Journ. Pharm., 44, p. 311. (Oil Trade Rev. —, p. —;  
 Am. Chem., —, p. —; Proc. Am. Pharm. Assoc., 21, p. 482.)  
 Tells of the adulterations of linseed oil.
- McKesson, J. 1872  
 Report of the Committee on the Drug Market  
 Proc. Am. Pharm. Assoc., 20, p. 128.  
 Tells of the market being opened for flaxseed at a low price but due to a large consumption of East India growth for the manufacture of oil an advance on both varieties has been occasioned.

Puscher, C. 1872

(Rapeseed, Linseed and Poppyseed Oils)

Pharm. Ztg., 17, p. —. (Proc. Am. Pharm. Assoc., 21, p. 345.)

Gives the method of bleaching the above oils.

Morrell, A. 1873

"  
Verfälschung des Leinöls mit Codöl

Pharm. Centr., 14, p. 337. (Proc. Am. Pharm. Assoc., 22, p. 242;

Yr. Bk. Br. Pharm. Conf., 1874, p. 266.)

Linseed oil is adulterated with cod liver oil.

Grosschopff, —. 1874

Amygdalin in Linseed

Pharm. Zeitg., 19, p. 334. (Yr. Bk. Br. Pharm. Conf., 1874,

p. 330.)

Tells of amygdalin being identified by triturating the ground seed with water. Hydrocyanic acid gas was given out.

Rice, C., Scheffer, E., and Jamieson, T. N. 1874

Linseed Oil

Proc. Am. Pharm. Assoc., 22, p. 309.

Fish oil is used for the adulteration of linseed oil.

Smith, F. P. 1874

The Oils of Chinese Pharmacy and Commerce

Pharm. Journ., 34, p. 61. (Am. Journ. Pharm., 46, p. 434.)

Gives a list of uses of linseed oil by the Chinese.

Vigener, A.

1874

## Untersuchung eines Verfälschten Leinmehles

Arch. Pharm., p. 495. (Proc. Am. Pharm. Assoc., 23, p. 191.)

Tells of the adulteration of linseed cake used as food for animals.

(Editor)

1875

## Adulteration of Linseed Oil

Drugg. Circ., 19, p. 130.

In answer to query of C. O. W. the editor gives a method prescribed by Mr. Morrell for detecting hemp, fish, rosin and mineral oil in linseed oil.

(Editor)

1875

## Refining Linseed Oil

Drugg. Circ., 19, p. 33.

In answer to query of A. S. the editor gives a method of refining linseed oil.

Fox, P. P.

1876

## Flaxseed

Am. Journ. Pharm., 48, p. 521.

At a meeting of the Philadelphia Pharmaceutical Association a discussion was started over the method of determining the admixture of cake meal in flaxseed.

(Remington, J.) Chairman

1876

## Linseed

Proc. Am. Pharm. Assoc., 24, p. 721.

In a report of the Committee on the Centennial Exhibition ten samples of linseed were shown.

A report was also given on the methods of obtaining the oil from the seed.

1878

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(To "Dry" Linseed Oil)

Chem. Zeitg., —, p. —. (Drugg. Circ., 22, p.199.)

Gives a method of drying linseed oil without boiling.

(Newton, L. N.)

1879

Smell of Flaxseed Meal

Drugg. Circ., 23, p.130.

In answer to query of S. the editor says the odor of flaxseed meal was due to some volatile substance.

Parsons, J. G.

1879

Toxic Effects of Linseed Meal

Br. Med. Journ., 1879, p.773. (Drugg. Circ., 23, p.142.)

Describes instances of where peculiar sensitiveness was shown to linseed meal by certain persons.

Stille, A. and Maisch, J. M.

1879

Oleum Lini

Nat. Disp., 2 ed., p. 997. (ibid., 3 ed., p. 1065.)

Lists the method of preparation, properties, composition, Pharmaceutical and Medical Uses.

1879

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Linum Usitatissimum

Proc. Am. Pharm. Assoc., 27, p. 608.

Gives a list of the characteristics of leaves and flowers of different types of linseed.

- Ladrueau, A. 1880  
 Russian Linseed  
 Bied. Centr., p. 670. (Yr. Bk. Br. Pharm. Conf., 1880, p.198.)  
 Tells why Russian linseed cannot be grown in France.
- 
- 1880  
 Substitute for Linseed Oil and Turpentine  
 Drugg. Circ., 24, p. 80.  
 Tells of a substitute for linseed oil and turpentine in  
 paints and varnishes.
- Holmes, E. M. 1881  
 The Varieties of Linseed in English Commerce  
 Pharm. Journ., 41, pp. 61-62. (Yr. Bk. Br. Pharm. Conf., p. 207;  
 Proc. Am. Pharm. Assoc., 30, p. 214.)  
 Gives the varieties of linseed in English Commerce, and the  
 characteristics of each.
- Kaspar, O. 1881  
 (Linseed Meal)  
 Schweiz. Woch. f. Pharm., 18, p. 382. (Proc. Am. Pharm. Assoc.,  
 29, p. 194.)  
 Gives an assay of the oil in linseed meal.
- Laudreau, A. 1881  
 (Ash of Flaxseed)  
 Ann. Agronom., 6, p. 315. (Proc. Am. Pharm. Assoc., 30, p. 216;  
 Am. Journ. Pharm., 53, p. 552.)  
 Describes the amount of ash found in different kinds of  
 flaxseed.

Mason, A. H. 1881

Adulterated Linseed Oil

Journ. Chem. Soc., 40, p. 473. (Drugg. Circ., 25, p. 53;

Yr. Bk. Br. Pharm. Conf., 1881, p. 131.)

In a paper read before the Liverpool Chemists Association the author tells a method of detecting a known adulterant in linseed oil.

(Newton, J.) 1881

To Bleach Boiled Linseed Oil

Drugg. Circ., 25, p. 183.

In answer to query of F. M. C. the editor gives a method of bleaching linseed oil.

Podevyn, M. 1881

(Adulterated Linseed Meal)

Arch. Med. Belg., —, p. —. ( Journ. Soc. d'Anvers, —, p.

—; Drugg. Circ., 25, p. 5.)

Reports on a sample of linseed meal in which an adulteration with bran is suspected.

Lailier, M. 1882

Poudre de Graine de Lin Inalterable

Rep. de Pharm., 10, p. 439. (Drugg. Circ., 26, p. 188.)

Tells of meal free from oil but which has the mucilaginous properties unchanged.

Atkinson, F. F. 1883

Linseed roultices

New Rem., 12, p. 88. (Proc. Am. Pharm. Assoc., 31, p. 50.)

- Freire, D. 1883  
 (Linseed Oil)  
 Mon. de la Pharm. Belge, —, p. —. (New Rem., 12, p.79;  
 Proc. Am. Pharm. Assoc., 31, p. 239.)  
 Tells of adulterations in linseed oil.
- Laillier, M. A. 1883  
 Poudre de Lin Inalterable  
 Rep. de Pharm., 11, p. 529. ( Proc. Am. Pharm. Assoc., 31,  
 p. 50; New Rem., 12, p. 18; Chem. and Drugg., 25, p. 56.)  
 Gives a method of preparation of the poultice from exhaus-  
 ted linseed.
- (Newton, J.) 1883  
 Cottonseed Oil in Linseed Oil  
 Drugg. Circ., 27, p. 89.  
 In answer to query of W. the editor gives a simple test for  
 the detection of cottonseed oil in linseed oil.
- 
- 1883  
 Assay of Linseed Oil  
 Drugg. Circ., 27, p. 117.  
 Gives an assay process for Linseed oil.
- Berthold, V. 1884  
 Microscopical Characteristics of Vegetable Fibres  
 Pharm. Journ., 43, p. 587. (Am. Journ. Pharm., 56, p. 222.)  
 Tells how a flax fibre looks under a microscope.

Greenish, T.

1884

## Further Contributions to the Pharmacy of Linseed

Yr. Bk. Br. Pharm. Conf., 1884, p. 467. (Proc. Am. Pharm. Assoc., 33, p. 167; Am. Journ. Pharm., 56, p. 551.)

A lengthy discussion was held at the British Pharmaceutical Conference on the Pharmacy of Linseed. Mr. Greenish had read an article on the Pharmacy of linseed and this had started the discussion. A diagram of the linseed plant is also shown.

Johnson, L. .

1884

## Linum Usitatissimum

Medical Botany of North America, p. 109.

A description of the plant is given together with a cut.

Also describes the part of the plant used, the habitat, constituents, lists the preparations the flaxseed is used in and the Medicinal Properties and uses.

Jorissen, A.

1884

## (A Peculiar Property of Linseed Meal)

Bull. Acad. Roy. Belg., 1884, p. 750. (Yr. Bk. Br. Pharm. Conf., 1884, p. 222.)

Tells of a peculiar property of linseed meal.

Symons, W. H.

1884

## Linseed

Pharm. Journ., 44, p. 563. (Proc. Am. Pharm. Assoc., 32, p. 563.)

Gives a method of getting rid of the mite "Acarus Farinae."

1884

## (Bleaching Linseed Oil)

Oil And Colormans Journ., —, p. —. (Pharm. Rec., 4, p. 113.)

A method of boiling and bleaching linseed oil is given.

1884

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(Bleaching Linseed Oil)

Neue Einfind., p. —. (Drugg. Circ., 28, p. 29.)

Gives a method of boiling and bleaching linseed oil to be used as paint oil.

1884

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Flaxseed Lemonade

Drugg. Circ., 28, p. 144.

Gives a formula for the preparation of flaxseed lemonade.

(Editor)

1885

Odorless Linseed Oil

West. Drugg., 7, p. 299.

In answer to query of A. W. F. concerning a method for deodorizing linseed oil the editor replies that there is no method.

Laillier, M.

1885

Tarlatane au Lin

Journ. de Pharm. d. Chim., 1885, p. 110. (Drugg. Circ., 29, p. 200; Chem. and Drugg., 27, p. 466; Yr. Bk. Br. Pharm. Conf., 1885, p. 301.)

Suggests using linseed tarlatan as a substitute for poultices.

Lawson, Wm.

1885

Crushed Linseed and Linseed Meal

Pharm. Journ., 45, p. 245. (Proc. Am. Pharm. Assoc., 34, p. 435; Yr. Bk. Br. Pharm. Conf., 1885, p. 204; Drugg. Circ., 29, p. 233.)

The author gives a list of results with the view to finding the relation crushed linseed and linseed meal of the market bear to pure linseed.

Meier, H. F. and Meier, J. 1885

The Development of Hydrocyanic Acid in Linseed

Sci. Amer., 38, p. 517. (West. Drugg., 7, p. 360.)

Tells of the development of Hydrocyanic acid in Linseed.

(Parsons, C. W.) 1885

Adulterations of Linseed Oil

Drugg. Circ., 29, p. 208.

In answer to the query of Sloan Brothers the editor gives tests for the detection of adulterations in linseed oil.

Pickering, S. 1885

(Linseed Cake)

Chem. and Drugg., —, p.—. (Am. Drugg., 14, p. 132;

Proc. Am. Pharm. Assoc., 34, p. 436.)

Gives the Method of determining the amount of oil in linseed and other cattle cakes.

Renouard, M. 1885

Falsification de la Graine de Lin

Rep. de Pharm., 13, p. 360. (Chem. and Drugg., 29, p. 728;

Yr. Bk. Br. Pharm. Conf., 1885, p. 204.)

Tells of adulterated linseed shipped from Riga.

Senior, W. O. 1885

Hydrocyanic Acid as a Fermentation Product of Linseed Meal

Yr. Bk. Br. Pharm. Conf., 1885, p. 518. (Chem. & Drugg., 27, p.—; Amer. Drugg., 14, p. 216.)

The author give a report on the results obtained when linseed meal is fermented. Hydrocyanic acid was a by-product.

1885

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(Bleaching Linseed Oil)

Ind. Journ., —, p. —. (Amer. Drugg., 14, p. 183; Proc. Amer. Pharm. Assoc., 34, p. 575.)

Gives a method for bleaching linseed oil.

(Castle, F. A.)

1886

Testing the Purity of Raw and Boiled Linseed Oil

Amer. Drugg., 15, p. 137.

In answer to a query of a correspondent a long list of tests for the purity of both raw and boiled linseed oil are given.

1886

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(Linseed Oil As a Remedy for Itching)

Boston Med. & Surg. Journ., —, p. —. (Amer. Journ. Pharm., 59, p. 274; Amer. Drugg., 15, p. 200; West. Drugg., 8, p. 383; Proc. Amer. Pharm. Assoc., 35, p. 282.)

A correspondent recommends inunction of linseed oil as a good remedy for itching of the anus.

1886

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Notes and News

West. Drugg., 8, p. 204.

The French cannot decide that linseed meal is used as a medicament according to the Court.

- Beringer, G. M. 1887  
 Notes on a Few Drugs  
 Amer. Journ. Pharm., 59, p. 286. (Proc. Amer. Pharm. Assoc., 35, p. 151.)  
 Gives the percentage yield oil in some samples of flaxseed, compared to the U. S. P. requirement.
- Cripps, R. A. 1887  
 Infusions of the British Pharmacopoeia  
 Pharm. Journ., S. 3, 17, p. 385. (Yr. Bk. Br. Pharm. Conf., 1887, p. 249.)  
 Comments on the changes in preparing infusions in the British Pharmacopoeia of 1867 and the new one, including the infusion of linseed.
- Duff, J. C. 1887  
 Linseed Oil  
 West. Drugg., 10, p. 11. (Proc. Amer. Pharm. Assoc., 36, p. 509.)  
 A lengthy discussion on the manufacture, purification, preparation of the oil for medicinal uses and for paints and varnish, properties of the oil, and also tests for the purity of the oil.
- Elwood, T. A. 1887  
 The Official Liquid Fixed Oils  
 Drugg. Circ., 31, pp. 35-36.  
 Tells of adulterations in linseed oil and how they are detected.
- England, J. W. 1887  
 Linimentum Ammoniae  
 Amer. Journ. Pharm., 59, p. 587. (West. Drugg., 9, p. 385.)  
 Discussion was started by Mr. England concerning the methods of preparing linseed oil.

- Hazura, K. 1887  
 Acids From Drying Oils  
 Journ. Chem. Soc., 52, p. 913. (Monatsh. Chem., 8, p. 60;  
 Amer. Journ. Pharm., 59, p. 618.)  
 A description of the different acids in linseed oil is given.
- Hildebrandt, J. F. 1887  
 Olive Oil And Its Adulterations  
 Am. Journ. Pharm., 59, p. 437.  
 A simple test for olive oil as an adulteration in linseed  
 oil is given.
- Levallois, A. 1887  
 Characteristics of Olive Oil  
 Journ. Chem. Soc., 52, p. 35. (Am. Journ. Pharm., 59, p. 420.)  
 Gives the properties of linseed as compared to olive oil.
- Moerk, F. X. 1887  
 Linseed Oil  
 Am. Journ. Pharm., 59, p. 601. (Proc. Am. Pharm. Assoc., 36,  
 p. 509.)  
 Gives a list of tests for the solubility of flaxseed meal  
 and the whole seed. Also lists a large number of properties of  
 the oil.
- Werner, R. C. 1887  
 Laboratory Notes  
 Am. Journ. Pharm., 59, p. 610. (West. Drugg., 10, p. 21.)  
 Gives the variations in specific gravity in different samples  
 of oil.

Beringer, G. M.

1888

## Linseed Oil

Am. Journ. Pharm., 60, p. 319.

A sample of linseed oil was shown at the Convention meeting. It contained more than fifty percent mineral oil.

Chenevier, A.

1888

## (Olive Oil)

Mont. Scien. Quesn., —, p. —. (Chem. News, 67, p. 12; Proc. Amer. Pharm. Assoc., p. 643.)

The industrial and analytical importance of the oxidation of linseed oil is pointed out.

Finkener, —.

1888

## (Tests for the Purity of Boiled Linseed Oil)

Pharm. Zeitg., —, p. —. (Drugg. Circ., 32, p. 252.)

Gives different tests for the purity of linseed oil.

Klopsch, R.

1888

## Zur Bestimmung Des Leinkuchenfetts

Zeitsch. f. Analyt. Chem., 27, p. 452. (Chem. News, 67, p. 197; Proc. Amer. Pharm. Assoc., 33, p. 469.)

Tells of the cause of error in determining the amount of residual oil in linseed cake.

(Lillard, B.)

1888

## Testing the Purity of Linseed Oil

Drugg. Circ., 32., p. 15.

In answer to query of A. B. R. the editor gives the methods of testing for the purity of linseed oil.

(Maisch, J. M.)

1888

## Linseed Oil

Am. Journ. Pharm., 60, p. 109.

Samples of linseed oil containing adulteration are shown.

Trojanowsky, —.

1888

(Substitute for Gum Arabic)

Union Pharm., —, p. —. (Am. Journ. Pharm., 60, p. 406.)

Tells of linseed mucilage as a substitute for gum arabic.

Werner, R. C.

1888

## Laboratory Notes

Amer. Journ. Pharm., 59, p. 610. (Proc. Am. Pharm. Assoc., 36, p. 516.)

Results obtained in the examination of a commercial sample of linseed oil are reported.

1888

## Linseed Gum

Chem. &amp; Drugg., 33, p. 273. (Yr. Bk. Br. Pharm. Conf., 1888, p. 236.)

Tells about linseed gum as a substitute for gum arabic.

1888

## Another Substitute for Gum Arabic

West. Drugg., 10, p. 366.

A substitute for gum arabic has been suggested. The gum extracted from linseed is a good substitute.

1888

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 Therapeutic Notes

Pharm. Era, 2, p. 27.

Tells of fresh linseed oil being used as a substitute for cod liver oil.

Beringer, G. M.

1889

An Adulteration of Ground Flaxseed

Am. Journ. Pharm., 61, p. 167. (Proc. Amer. Pharm. Assoc., 37, p. 469; Pharm. Era, 3, p. 229.)

Peculiarities in the properties shown by an adulterated sample of ground flaxseed.

Eidam, E.

1889

(Adulterations of Linseed Meal)

Bied. Cent., 17, pt. 2, p. —. (Yr. Bk. Br. Pharm. Conf., 1889, p. 169.)

Tells of adulteration of linseed meal with castor oil seeds.

(Lillard, B.)

1889

Flax Seed

Drugg. Circ., 33, p. 254.

In answer to query of F. A. B. the editor gives a possible working formula for making syrup of flaxseed.

Puckner, W. A.

1889

Oil and Ground Flaxseed

Proc. Amer. Pharm. Assoc., 37, p. 182. (Am. Journ. Pharm., 61, p. 442; West. Drugg., 11, p. 333; Pharm. Era, 3, p. 337; Pharm. Rec., 9, p. 218.)

The amount of oil contained in ground flaxseed of the Chicago market is given, as observed by the author.

Thompson, W. H. 1889

(Linseed Oil Emulsion)

Med. Rec., —, p. —. (Am. Drugg., 18, p. 36.)

Linseed oil is recommended as an expectorant. A formula is also given for the preparation of linseed oil emulsion.

Wilson, J. A. 1889

Cotton Seed Oil and Beef Fat in Lard

Chem. News, 59, p. 99. (Am. Journ. Pharm., 61, p. 195.)

Tells of the amount of iodine found in samples of linseed oil.

(Editor) 1889

Boiled Linseed Oil

West. Drugg., 11, p. 132.

In answer to query of G. W. E. the editor gives the reply about the saponification of boiled linseed oil.

David, M. 1890

(Linseed and Mustard Meal)

Bull. Comm., —, p. —. (Chem. & Drugg., 37, p. 854; Am. Drugg., 20, p. 38; Am. Journ. Pharm., 62, p. 597.)

Tells of the insect which attacks linseed meal. It also tells how mites live in the meal.

Moerk, F. X. 1890

Ersatz für Gummi Arabicum

Dingler's Polytechn. Journ., —, p. —. (Apoth. Ztg., p. 639; Am. Journ. Pharm., 62, p. 615.)

- Thorp, F. H. 1890  
 On Boiled Linseed Oil  
 Am. Journ. Pharm., 62, p. 470.  
 Conclusions on experiments conducted with boiled linseed oil and oxides of metals are given.
- Berghe, J. Van den 1891  
 (Adulteration of Linseed and Linseed Oil Cake)  
 Bull. Belg. Microsc. Soc., —, p. —. (Pharm. Journ., S. 3, 22, p. 406; Yr. Bk. Br. Pharm. Conf., 1891, p. 165; Natl. Drugg., 19, p. 229.)  
 A list of the adulterants used in adulterating linseed and linseed oil cake is given with the test for the adulterants.
- Jorrissen, A. and Hairs, E. 1891  
 Sur la Linamarine, Glucoside Cyanhydrique Retire du Linum Usitatissimum  
 Journ. de Pharm. et de Chim., p. 259. (Am. Drugg., 20, p. 322.)  
 The authors have discovered a new glucoside called linamarin in the linseed plant. It is the source of hydrocyanic acid.
- Davis, F. 1891  
 Acarus Lini  
 Pharm. Journ., 50, p. 846. (Proc. Am. Pharm. Assoc., 39, p. 418.)  
 Tells of an insect of the species of acarum present in linseed.
- (James, F. L.) 1891  
 Tests for Linseed Oil  
 Natl. Drugg., 19, p. 162.

In answer to query of W. A. J. a few simple tests for linseed oil are given.

J. M. R.

1891

Testing Linseed Oil

Drugg. Circ., 35, p. 157.

Gives the method of determining the purity of linseed oil.

Klie, G. H.

1891

Assay of Ground Flaxseed

Proc. Mo. Pharm. Assoc., 13, p. 84. (Proc. Am. Pharm. Assoc., 39, p. 418.)

Results of the determination of oil and flaxseed meal.

(Lillard, B.)

1891

Heat Generated by Flaxseed Meal

Drugg. Circ., 35, p. 38.

In answer to query of B. C. Fresno the Editor says that oxidation of linseed would cause liberation of heat.

(Lillard, B.)

1891

Testing the Purity of Linseed Oil

Drugg. Circ., 35, p. 113.

In answer to query of E. S. C. the Editor refers him to Allen's Commercial Organic Analysis.

(Parsons, C.)

1891

Linseed Oil

Pharm. Era, 6, p. 15.

F. McC. asks a question about the stability of price of linseed oil. The Editor could not definitely answer the question.

Thorp, F. H. 1891

(Boiled Linseed Oil)

Sci. Am., 44, p. —. (Am. Journ. Pharm., 66, p. 470; Proc. Am. Pharm. Assoc., 39, p. 581.)

Experiments to determine the best method of preparing boiled linseed oil.

1891

Linseed in India

Pharm. Rec., 11, p. 221.

Statistics on the cultivation of flax in India are given. Also the amount exported from the country.

1891

Ersatz für Gummi Arabicum

Apoth. Ztg., 5, p. 639. (Proc. Am. Pharm. Assoc., 39, p. 589.)

Tells of linseed being used as a substitute for gum arabic because it contains gum.

Coreil, D. 1892

(Rosin Oil in Linseed Oil)

Journ. de Pharm. et de Chim., 134, p. —. (Proc. Am. Pharm. Assoc., 41, p. 896; Am. Journ. Pharm., 64, p. 405.)

Gives a quantitative test to determine the amount of rosin oil in linseed oil.

(Lillard, B.) 1892

Tests for the purity of Linseed Oil

Drugg. Circ., 36, p. 232.

In answer to query of G. M. B. the Editor gives a method for testing for the purity of linseed oil with reference to the presence of mineral or rosin oils.

Lucas &amp; Co.

1892

## Linseed Oil Tests

Pharm. Rec., 13, p. 7.

Gives a complete list of the properties and tests for linseed oil.

Osborne, T. B.

1892

## Proteids of the Flaxseed

Am. Chem. Journ., 14, p. 629. (Proc. Am. Pharm. Assoc., 41, p. 672.)

Gives a few methods of determining the kinds of proteid material present in flaxseed.

(Parsons, C.)

1892

## Flaxseed Meal vs. Oil Cake Meal

Pharm. Era, 8, p. 109.

C. H. G. asks about the difference between flaxseed meal and oil cake meal. The Editor answers by giving the difference between the two.

1892

## Dr. Thomson's Linseed Oil Emulsion

West. Drugg., 14, p. 185.

Gives the formula for a linseed oil emulsion said to have been put out by some old doctor.

1892

## Clarifying and Bleaching Linseed Oil

Drugg. Circ., 36, p. 82.

Gives a method used in bleaching and clarifying linseed oil.

Bauer, W. 1893

Sugar from Linseed

Journ. Chem. Soc., Abstr., 62, p. 1293. (Proc. Am. Pharm. Assoc., 41, p. 931.)

Gives a method of obtaining sugar from mucilage of linseed.

Dodge, C. R. 1893

Flax

Proc. Am. Pharm. Assoc., 41, p. 672.

Report on flax culture for fiber in the United States.

Fisher, E. E. 1893

Linseed Cough Mixture

Am. Drugg. & Pharm. Rec., 23, p. 29.

A formula for linseed cough mixture is given.

Haselhoff, —. and Van Pesch, F. J. 1893

Manufacture and Composition of Linseed Cake and Meal

Journ. of Chem. Soc., Abstr., 64, pt. 2, p. 38. (Landw. Versuchs Stat., 41, p. 55; Proc. Am. Pharm. Assoc., 41, p. 672; Am. Journ. pharm., 65, p. 195.)

Tells of the manufacture of linseed cake and meal and tells of some adulterations which are made in the process of manufacture.

(Parsons, C.) 1893

Linum Usitatissimum

Pharm. Era., 9, p. 300.

W. H. J. asks to be enlightened on some questions asked by the Pennsylvania Board of Pharmacy. The editor attempts to answer the question.

(Parsons, Charles) 1893

Linum Usitatissimum

Pharm. Era, 9, p. 348.

In answer to W. H. J.'s question, the Editor quotes Henry W. Stecher for an answer to the question.

(Parsons, C.) 1893

Linum Usitatissimum

Pharm. Era, 9, p. 396.

In answer to W. H. J.'s question on page 300 the editor quotes L. Sallman for a still different answer.

(Thompson, W. H.) 1893

Mistura Oleum Lini

Am. Drugg. & Pharm. Rec., 23, p. 58.

In answer to the query of a subscriber a formula for the preparation of Thompson's mixture of oil of linseed is given.

Pieszeck, —. 1893

Poisonous Linseed Oil

Apoth. Ztg., 1893, p. 335. (West. Drugg., 16, p. 182 - Drugg. Circ., 37, p. 252; Proc. Am. Pharm. Assoc., 42, p. 795; *ibid.*, 43, p. 1179; Am. Journ. Pharm., 65, p. 495.)

A sample of linseed oil found to be poisonous was examined and it was found to contain not less than thirty-five percent impurities.

Reed, W. W. 1893

(Manufacture of Linseed Oil)

Proc. Pa. Pharm. Assoc., 16, p. —. (Am. Journ. Pharm., 65, p. 413; Proc. Am. Pharm. Assoc., 42, p. 690.)

Differentiates between the old and new process of manufacture of linseed oil.

Weicker, T.

1893

Linseed Oil

Merck's Report, 2, p. 39.

Gives a method of testing linseed oil for purity.

1893

Linseed Oil

Pharm. Era, 10, p. 94.

An article on the drying properties of linseed oil.

1893

Linseed Meal

Pharm. Era, 10, p. 154.

Tells of the adulteration of linseed meal in England and Ireland with wheat dust and other meals.

1893

Berlin Letter

Bull. Pharm., 7, p. 375.

Tells of the appearance of linseed oil in the market of East Prussia which produced distinct toxic symptoms. On examination it was found that the seed from which the linseed oil was made was adulterated with poisonous darnel grass of Europe.

(Lillard, B.)

1894

Boiled Linseed Oil

Drugg. Circ., 38, p. 87.

In answer to query of J. H. T. the Editor gives some processes used in adulterating boiled linseed oil.

- Stille, A., Maisch, J., Caspari, C., Maisch, H. 1894  
 Oleum Lini  
 Natl. Dispens., 5 ed., p. 1129.  
 Lists the method of preparation, properties of the oil, composition, tests, Pharmacopoeial preparations, action and uses.
- Villon, —. 1894  
 Artificial Aging of Linseed Oil  
 Natl. Drugg., 24, p. 115. (Proc. Am. Pharm. Assoc., 42, p. 1179.)  
 Tells of a method of aging and how a fine product can be obtained on aging.
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- 1894  
 Adulteration of Drugs in New York State  
 Bull. Pharm., 8, p. 322.  
 Tells of the conditions found in New York where he found linseed meal deprived of oil.
- 
- 1894  
 Adulterated Linseed Oil  
 Pharm. Era, 12, p. 299.  
 Some low priced oil is found to contain large amount of adulteration.
- 
- 1894  
 (Detection of Adulterated Linseed Oil)  
 Paint, Oil & Drug Rev., —, p. —. (Pharm. Era, 11, p. 145.)  
 Gives a long list of adulterants of linseed oil used in varnishes.
- 
- 1894

## (Adulteration of Linseed Oil)

Meyer Bros. Drugg., —, p. —. (West. Drugg., 16, p. 57.)

Tells of the adulteration of linseed oil to the extent of 30%.

1894

## (Adulterated Linseed Oil)

Drugs, Oils & Paints, —, p. —. (West. Drugg., 16, p. 12;

Proc. Am. Pharm. Assoc., 42, p. 1179.)

Tells of the pernicious systems of adulterating the oils.

Aitken, A. P.

1895

A Rapid and Accurate Method of Determining the Moisture  
And Oil In Linseed Cakes And Other Feeding Stuffs

Journ. Am. Chem. Soc., 16, pp. 114-122. (Yr. Bk. Br. Pharm.  
Conf., 1895, p. 148.)

Gives a lengthy discussion of a method of determining the  
quantity of oil and moisture in linseed cake.

Dey, A. J. and Cowie, W. B.

1895

## Notes on Commercial Linseeds

Pharm. Journ., 54, p. 1037. (Proc. Am. Pharm. Assoc., 43,  
p. 869; Yr. Bk. Br. Pharm. Conf., 1895, p. 147; Drugg. Circ.,  
39, p. 147.)

Tells of the compositions of some commercial samples of  
linseed.

Filsinger, F.

1895

## Zur Untersuchung des Leinöles

Chem. Ztg., 18, p. 1005. (Proc. Am. Pharm. Assoc., 43, p. 1055.)

The author tells of the analysis of linseed oil with a polariscope.

Lloyd, J. U. 1895

Examination of Elm Bark, Flaxseed and Mustard for Starch

Proc. Am. Pharm. Assoc., 43, p. 194. (West. Drugg., 17, p. 466; Am. Drugg. & Pharm. Rec., 27, p. 155; Merck's Rep., 4, p. 374; Drugg. Circ., 39, p. 234; Am. Journ. Pharm., 67, p. 461.)

A description is given of flaxseed with tests for the adulteration of the oil.

Lovett, R. W. 1895

(Flaxseed Meal Poultices)

Boston Med. & Surg. Journ., —, p. —. (Drugg. Circ., 1895, p. 112; Proc. Am. Pharm. Assoc., 43, p. 869.)

Tells of flaxseed meal poultice as a sterile dressing.

(Parsons, C.) 1895

Tests for Linseed Oil

Pharm. Era, 13, p. 368.

In answer to G. W. H.'s question the Editor gives a list of tests for linseed oil.

New York Oil Concern. 1895

Weight of Linseed Oil

West Drugg., 17, p. 385.

Figures on the weight of the oil are given out by the New York Concern.

(Weicker, T.)

1895

## Bleaching Linseed Oil

Merck's Report, 4, p. 469.

In answer to a question of I. J. R. the Editor tells about methods of bleaching linseed oil.

1895

## (Adulterated Linseed Oil)

Seif. Ztg., —, p. —. (Proc. Am. Pharm. Assoc., 43, p. 1055; Am. Drugg. & Pharm. Rec., 26, p. 308.)

Tells of adulteration of linseed oil with liver and blubber oils. Gives tests to distinguish these oils.

1895

## Is Boiled Linseed Oil Harmful?

West. Drugg., 17, p. 443.

The question is answered as to whether boiled linseed oil is harmful or not.

Labaude, L.

1896

## Can Linseed Oil be Converted to Petroleum?

Pharm. Era, 16, p. 662.

The author attempts to determine if linseed oil can be converted into petroleum.

(Mayo, C. A.)

1896

## Tests for Linseed Oil

Am. Drugg. &amp; Pharm. Rec., 29, p. 44.

In answer to query of A. H. & Co., methods for determining whether the oil is boiled or raw are given.

(Parsons, C.) 1896

### Tests For Linseed Oil

Pharm. Era, 16, p. 304.

In answer to the question of B. & S. the Editor gives a number of tests for raw and boiled linseed oil.

Patch, E. L. 1896

### Linseed Oil

Merck's Rep., 5, p. 403. (Proc. Am. Pharm. Assoc., 45, p. 677.)

Tells of adulteration of linseed oil with a cheap paraffine oil. Also gives properties of the adulterated oil.

Sadtler, S. P. 1896

### Some Results Obtained In the Destructive Distillation Of Linseed Oil

Proc. Am. Pharm. Assoc., 44, p. 186. (Am. Journ. Pharm., 68, pp. 465 and 519; Merck's Rep., 5, p. 450; Yr. Bk. Br. Pharm. Conf., 1896, p. 73; Drugg. Circ., 40, p. 260; Pharm. Era, 16, p. 300; West. Drugg., 18, p. 546.)

Tells of the results which were obtained in the destructive distillation of linseed oil.

(Weicker, T.) 1896

### Emulsion of Linseed Oil

Merck's Rep., 5, p. 194.

In answer to the question of F. T. the Editor gives a method of preparing emulsion of linseed oil.

(Weicker, T.) 1896

### Bleaching Linseed Oil

Merck's Rep., 5, p. 194.

In answer to the question of F. T. the Editor gives a method of bleaching linseed oil.

1896

(Artificial Linseed Oil)

Rev. Internat. des Falsif., —, p. —. (Natl. Drugg., 26, p. 303.)

A fraud in the form of artificial linseed oil was put on the market as linseed oil.

1896

Flax Straw as a Fuel

Bull. Pharm., 10, p. 559.

Tells of an electric light plant in the west using flax straw as a fuel.

Stone, W. H.

1897

Linseed Oil Emulsion

Bull. Pharm., 11, p. 425.

Gives a formula for the preparation of Linseed Oil Emulsion.

Vogel, W. W.

1897

Leinsamenthee als Mittel gegen Diabetes

Pharm. Ztg., 42, p. 165. (Zeitschr. d. Allg. Oesterr. Apoth. Ver., 35, p. 180; Yr. Bk. Br. Pharm. Conf., 1897, p. 166.)

Tells of linseed as a remedy for Diabetes.

Wall, F. W. A.

1897

Linseed Meal

Am. Journ. Pharm., 69, p. —. (Ann. Rep. Agr. Expt. Sta., 12, p. 64; Yr. Bk. Br. Pharm. Conf., 1897, p. 166.)

The composition of Linseed oil is given.

(Weicker, T.) 1897

Cottonseed Oil in Linseed Oil

Merck's Rep., 6, p. 52.

In answer to query of R. H. G., the editor gives tests for non drying oils in linseed oil.

(Weicker, T.) 1897

Adulterants in Linseed Oil

Merck's Rep. 6, p. 499.

In answer to query of W. F., the editor tells about the adulterants in Linseed Oil.

1897

(Linseed Oil)

Pharm. Journ., —, p. —. (Merck's Rep. 6, p. 73.)

Gives the use of linseed oil in arts and in the manufacture of varnishes because of the drying properties.

Hospital Formulary 1898

Mistura Olei Lini

Amer. Drugg. & Pharm. Rec., 32, p. 253.

A formula is given for the preparatio of Mistura Olei Lini.

Koningh, L. de 1898

Note on the Estimation of Rosin and Rosin Oil in Linseed Oil

Chem. News, 77, p. 287. (Yr. Bk. Br. Pharm. Conf., 1898, p. 122.)

The estimation of Rosin and Rosin Oil in Linseed oil is described.

1898

(Linseed Oil)

Sci. Amer., —, p. —. (Bull. Pharm., 12, p. 140.)

Chinese tung oil or varnish tree oil is threatening to displace linseed oil in varnishes. High price keeps it from being used to a great extent.

1898

Therapeutic Effect of Boiled Linseed Oil

Drugg. Circ., 42, p. 41. (Bull. Pharm., 12, p. 462.)

The effect of boiled linseed oil on a horse is described.

1898

(Adulteration of Linseed Oil with Cod Liver Oil)

Pharm. Ztg., —, p. —. (Drugg. Circ., 42, p. 153.)

The method of detecting the adulteration of linseed oil with Cod Liver Oil is described.

1898

Testing Linseed Oil

West. Drugg., 20, p. 406.

In answer to query of I. F., the Editor gives a simple method of making tests for the purity of linseed oil.

Allen, A. H.

1899

Coefficients of Expansion

Comm. Org. Anal., 2, p. 150. (King's Am. Disp., 16 ed., 2. p. 1365.)

Gives a method of determining the specific gravity of a fixed oil at standard temperatures.

- Bilsik, — . 1899  
 (Oleum Lini)  
 Chem. Ztg., —, p. —. (West. Drugg., 21, p. 628.)  
 Gives the Nitric acid test for the purity of linseed oil.
- Dowzard, E. 1899  
 Crushed Linseed  
 Chem. and Drugg., 55, p. 522. (Proc. Am. Pharm. Assoc., 48, p. 622.)  
 The percentage of ash and oil found in a sample of linseed oil meal supplied in England.
- Eberle, H. G. 1899  
 Admixture of Ground Oil Cake in Linseed Meal  
 Bull. Pharm., 13, p. 209.  
 Of seven samples of linseed meal tested, three were found to contain little or no oil. The author advises that when linseed meal looks dry when bought the druggist should use the Pharmacopoeial test on it.
- Gill, A. A. and Lamb, A. C. 1899  
 Constants of American Linseed Oil  
 Am. Journ. Pharm., 71, p. 275.  
 Gives the physical constants of American Linseed Oil.
- Martin, N. J. 1899  
 (Warning against "Boiled" Linseed Oil as a Medicine)  
 Journ. Comp. Med., —, p. —. (Drugg. Circ., 43, p. 183.)  
 A warning against the use of boiled linseed oil as a medicine because of oxides of lead that are present.

La Wall, C. H. and Prusell, R. C.

1899

### Laboratory Notes

Proc. Pa. Pharm. Assoc., p. 154. (Proc. Am. Pharm. Assoc., 48, p. 622; Am. Journ. Pharm., 71, p. 393.)

Discuss the question of linseed oil being below the standard of the U. S. P., and gives the probable cause.

1899

### To Bleach Linseed Oil

Drugg. Circ., 43, p. 288.

In answer to the query of N. A., the Editor says that linseed may be bleached in sun light.

1899

### Market Reports

Pharm. Era, 22, p. 456.

The New York market quotes flaxseed at  $3\frac{1}{4}$  and  $3\frac{1}{2}$ ¢ by the barrel and 5 and 7¢ for less.

Felter, H. W. and Lloyd, J. U.

1900

### Oleum Lini

King's Am. Dispens., 18 ed., 2, p. 1364.

List the method of preparation, description of the oil, chemical composition and tests, action, medicinal uses and doses.

Gane, E. H.

1900

### New Sophistication of Ground Flaxseed

Proc. Am. Pharm. Assoc., 48, p. 623. (Am. Drugg. & Pharm. Rec., 36, p. 4; Drugg. Circ., 44, p. 165; Bull. Pharm., 14, p. 258.)

Tells of the adulteration of linseed oil with some mineral oil to make the required percent of oil by the U. S. P.

Gutzeit, —.

1900

## Nachweis von Mineralöl im Leinöl

Pharm. Ztg., 45, p. 659. (West. Drugg., 22, p. 619.)

Test for the detection of rosin oil in linseed oil.

Hummel, J.

1900

## Impure Linseed Oil

Pharm. Era, 24, p. 104. (Bull. Pharm., 14, p. 386.)

Results obtained in the analysis of a sample of the oil are given.

(James, F. L.)

1900

## Darkened Linseed Oil

Natl. Drugg., 30, p. 310.

In answer to query of H. E. W. who added Japan drier to linseed oil, the Editor says it is not possible that the dark color can be removed from the oil because this color is probably due to asphaltum in the oil.

Moor, C. G. and Priest, M.

1900

## Ash of B. P. Drugs

Yr. Bk. Br. Pharm. Conf., 1900, p. 414.

Comment on the ash limit of linseed in the British Pharmacopoeia.

1900

## Linseed Oil

Drugg. Circ., 44, p. 230.

In samples of linseed oil analyzed, seven out of nine contained 5 to 7% mineral oil. Prosecutions were started by the Minnesota Dairy and Food Commission.

1900

## Concerning Linseed Oil

Bull. Pharm., 14, p. 204.

At a meeting of the National Paint, Oil and Varnish Association the committee discussed the advisability of selling linseed oil by weight and also discussed the adulterations of linseed oil and advised that the only method to stop these adulterations was to have State legislation.

Eliel, L.

1901

## Linum

Am. Journ. Pharm., 73, p. 502.

Change in standard of linum is reported by the Committee on Revision of the U. S. P.

(James, F. L.)

1901

## Linseed Cream

Natl. Drugg., 31, p. 305.

In answer to the query of W. A. V. a formula is given for linseed cream.

Kabler, L. F.

1901

## Flaxseed

Pharm. Era, 26, p. 750.

Warns the druggists about linseed oil being adulterated with mineral oil.

(Mayo, C. A.)

1901

## Tests for the Purity of Raw Linseed Oil

Amer. Drugg. &amp; Pharm. Rec., 38, p. 261.

In answer to the query of W. S., the test adopted by the National Paint, Oil and Varnish Association, for the purity of linseed oil is given.

(Mayo, C. A.) 1901

Tests for the Purity of Boiled Linseed Oil

Am. Drugg. & Pharm. Rec., 39, p. 210.

In answer to the query of H. S. L. the tests for the purity of boiled linseed oil are given.

McIlwaine Bros. 1901

Adulterated Flaxseed Meal

Pharm. Era, 26, p. 715.

Authors send out a warning to dealers cautioning them about adulterated flaxseed which is on the market.

(Parsons, C.) 1901

Oxidation of Linseed Oil

Pharm. Era, 25, p. 177.

In answer to H. O. S., the Editor tells about the oxidation of drying oils.

Tichborne, C. R. C. 1901

The Pharmacopoeial Tests for Oleum Lini

Pharm. Journ., 65, p. 573. (Yr. Bk. Br. Pharm. Conf., 1901, p. 79; Proc. Am. Pharm. Assoc., 49, p. 861.)

Results of tests of a sample show linseed oil corresponds in every respect to the British Pharmacopoeia requirements except in the solubility.

1901

Adulterated Linseed Meal

West. Drugg., 23, p. 74.

The method of testing for the adulteration of linseed meal is given.

1901

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To Bleach Linseed Oil

Drugg. Circ., 45, p. 104.

Gives a method of bleaching linseed oil with ferrous sulphate.

1901

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Emulsion of Linseed Oil

Drugg. Circ., 45, p. 105.

In answer to the query of H. V. L., the Editor prescribes the formula in the N. F. under Acacia Emulsion of Cod Liver Oil.

1901

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Examination of Linseed Oil

Drugg. Circ., 45, p. 127.

In answer to the query of H. V. L., the Editor gives the method of testing for the suitability for paints.

1901

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Preparation for Linseed Tea

Pharm. Era, 25, p. 262.

Gives a formula for the preparation of flaxseed tea.

Kebler, L. F.

1902

Ground Flaxseed Adulterated with Mineral Oil

Am. Journ. Pharm., 74, p. 39. (Am. Drugg. & Pharm. Rec., 40, p. 104; Drugg. Circ., 46, p. 143; Bull. Pharm., 16, p. 300; Merck's Rep., 11, p. 54.)

The author gives a report on experiments to determine the amount of oil in flaxseed. Finds unsaponifiable oil.

(Kennedy, E. J.)

1902

## Sterilized Linseed Oil

Pharm. Era, 28, p. 178.

In answer to the question of Eagle, the Editor says there is no special process of sterilizing linseed oil.

(Weicker, F.)

1902

## Emulsion of Linseed Oil

Merck's Rep., 11, p. 128.

In answer to the query of G. I. W., the Editor gives a formula for the preparation of emulsion of linseed oil.

1902

## Simple Tests for the Purity of Linseed Oil

Drugg. Circ., 46, p. 184.

Gives a long list of simple tests for the purity of linseed oil.

1902

## Testing the purity of Linseed Oil

West. Drugg., 24, p. 261.

In answer to the query of B. D., the Editor gives the method of testing for the purity of linseed oil.

Cooke, M. C.

1903

## (Flax)

Gard. Chron., 32, p. 362. (Pharm. Journ., 1902, p. 695; Proc.

Am. Pharm. Assoc., 51, p. 780.)

The author tells of the attacks of a new fungus on flax.

Hollick, J. O.

1903

A Case of Linseed poisoning

Lancet, 1903, 2, p. 1428. (Drugg. Circ., 48, p. 35.)

Tells of a case of poisoning by flaxseed when it was applied to an inflamed hoemorrhoid.

(Kennedy, E. J.)

1903

Weight of Linseed Oil

Pharm. Era, 30, p. 270.

In answer to W. D. about the weight of linseed oil, the Editor gives the U. S. P. requirement and the trade weight.

(Kennedy, E. J.)

1903

Manufacture of Linseed Oil

Pharm. Era, 30, p. 320.

In answer to the question of Clerk, the Editor gives the method of manufacture of linseed oil.

Sjollema, B.

1903

(Purity of Linseed Oil)

Zeit. f. Nahr. N. Genuss., —, p. —. (Drugg. Circ., 47, p. 234;

Pharm. Era, 30, p. 473.)

Tells of the purity of linseed oil.

(Weicker, T.)

1903

Linseed Cream

Merck's Rep., 12, p. 173. (Proc. Am. Pharm. Assoc., 51, p. 642.)

Gives a formula and the directions for preparing linseed cream.

1903

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 Testing Linseed Oil for Rosin Oil

West. Drugg., 25, p. 260. (Bull. Pharm., 17, p. 346.)

Gives the method of testing linseed oil for rosin oil.

1903

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 Substitute for Linseed Oil

West. Drugg., 25, p. 382.

Method of preparing a substitute for linseed oil.

1903

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 Tests for the Purity of Linseed Oil

West. Drugg., 25, p. 439.

W. K. L. asks a question about the purity of linseed oil. The question is answered by the Editor.

1903

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 (Defects of Substitutes for Linseed Oil)

Oil & Colorman's Journal, —, p. —. (Drugg. Circ., 47, p. 124.)

Gives the defects of the substances used as substitutes for linseed oil.

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 Fahrion, W.

1904

## Über Die Bestimmung Der Gesättigten Fettsämen

Zeits. Angew. Chem., 2, p. 1482. (Pharm. Era, 31, p. 426.)

The author gives the composition of linseed oil.

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 Fendler, G.

1904

## Ein Beitrag Zur Untersuchung Des Leinöles

Ber. d. Pharm. Ges., 14, p. 149. (Apoth. Ztg., 19, p. 306; Proc.

Amer. Pharm. Assoc., 52, p. 911.)

The Author reports the results of the study of the unsaponifiable components of linseed oil.

Niegemann, C. 1904

Über Die Untersuchung Von Leinölen Des Handels

Chem. Ztg., 28, p. 724. (Drugg. Circ., 48, p. 102.)

In eighteen examinations of linseed oil found that the unsaponifiable percentage averaged 1.35%.

Niegemann, C. 1904

Über Die Bestimmung Der Unverseifbaren Stoffe In Leinölen

Chem. Ztg., 28, p. 97. (Pharm. Journ., 1904, p. 428; Proc. Am.

Pharm. Assoc., 52, p. 912.)

A report is given on the amount of unsaponifiable matter in linseed oil.

1904

Tests for the Purity of Linseed Oil

West. Drugg., 26, p. 34.

W. J. B. asks a question which is answered by the Editor by giving methods of testing for the purity of linseed oil used by a German Chemical Exchange.

1904

Cross-section of Flaxseed

Bull. Pharm., 18, p. 387.

A cross-section of flaxseed is shown. It is a reproduction from a microphotograph made by doctors in Germany.

1904

Thompson's Emulsion of Linseed Oil

Drugg. Circ., 48, p. 179.

In answer to the query of W. D. H., two formulas for emulsion of linseed oil are given.

Bigelow, E. P.

1905

Linum

Proc. Mass. Pharm. Assoc., 24, p. 103. (Dig. Com. U. S. P., 1905, p. 197.)

Gives the results obtained in tests for adulteration of linseed.

Cooban, M. S.

1905

Linseed Cosmetic

Bull. Pharm., 19, p. 44.

In answer to the query of M. J. B., the Editor says the question is vague but he believes M. J. B. wishes something for chapped hands. He gives a method of treating linseed oil to be used for chapped hands.

Hills, J. S.

1905

An Investigation of Linum Catharticum

Pharm. Journ., 74, p. 401. (Yr. Bk. Br. Pharm. Conf., 1905, p. 201.)

Gives the physiological action of linum catharticum.

(James, F. L.)

1905

Toilet Cream With Flaxseed Mucilage as Basis the "Best Liniment"

Natl. Drugg., 35, p. 8.

A formula is given to W. A. S. H. for the preparation of a toilet cream with flaxseed as the basis.

Mittlebach, W.

1905

## Practical Pharmacy and Dispensing

Am. Journ. Pharm., 77, p. 498. (Am. Drugg. & Pharm. Rec., 47, p. 238; Dig. Com. U. S. P., 1905, p. 197; Pharm Era, 34, p. 388; Bull. Pharm., 19, p. 431.)

Tells how to keep flaxseed free from bugs.

1905

## Drug Trade Jottings

Pharm. Era, 34, p. 592.

Tells of a bill passed by the Pennsylvania Legislature instructing the Department of Agriculture to investigate the purity of linseed oil sold in commerce.

1905

## (Simple Tests for Linseed Oil)

Painters Mag. —, p. —. (Bull. Pharm., 19, p. 69.)

A lengthy article on the simple tests for linseed oil and its purity is given.

Cooban, M. S.

1906

## Linseed Oil Emulsion

Bull. Pharm., 20, p. 85.

In answer to the query of R. H. V., the formula of Thompson's emulsion of linseed oil is given.

(Helfman, J.)

1906

## Apropos of Boiled Linseed Oil

Bull. Pharm., 20, p. 175.

In answer to the query of B. D. Co., the method of preparing boiled linseed oil is given.

Hostelley, J. F.

1906

## Linseed or Flaxseed Poultice

West. Drugg., 28, p. 304.

The method of preparing the poultice is given.

Roger, H.

1906

## Sur la Falsifications des Tourteaux de Lin

Ann. de Chim. Analyt., Par., 11, p. 136. (Dig. Com. U. S. P., 1906, p. 338.)

The author gives certain analytical data concerning the adulteration of linseed cake and discusses the microscopical assay which is sufficiently accurate to be practicable.

Rustung, G.

1906

## (Linum)

Pharm. Krist., 3, p. 325. (Chem. Rep. Cothen, 30, p. 449; Dig. Com. U. S. P., 1906, p. 338; Drugg. Circ., 5, p. 357; Dig. Com. U. S. P., 1907, p. 287; Yr. Bk. Br. Pharm. Conf., 1907, p. 97; Chem. Abstr., 1, p. 2929; Rep. d. Pharm., 19, p. 122; Ann. de Pharm., Louvain, 19, p. 122.)

A report is given that the statement of Schüroff that starch is found in ripe linseed is incorrect as a result of tests made by the author.

Schüroff, P.

1906

## Zur Kenntniss des Leinsamens

Pharm. Ztg., 51, p. 658. (Dig. Com. U. S. P., 1906, p. 338; Am. Drugg. & Pharm. Rec., 49, p. 104; Proc. Am. Pharm. Assoc., 53, p. 794.)

The author maintains that the German Pharmacopoeia requirement that linseed be free from starch is incorrect.

Thaysen, H. 1906

Über die Erstarrungspunkt Und das Spezifische Gewicht des  
Leinöls

Ber. d. Deutsch. Pharm. Gesell., 16, p. 277. (Natl. Drugg., 37,  
p. 412.)

The author states that in the oil on the market or even that  
made by himself not one complies with the German Pharmacopoeia  
requirement. This holds true to the U. S. P. also as it gives the  
same properties to the oil.

Turmann, —, —. 1906

Ueber Semen Lini Pulveratum

Pharm. Zent., 47, p. 725. (Dig. Com. U. S. P., 1906, p. 338;  
Proc. Am. Pharm. Assoc., 55, p. 794.)

The author discusses finding mites in the linseed and sug-  
gests the exercise of greater care in preserving flaxseed.

1906

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(Linum)

Oil, Paint and Drug Rep., 70, p. 28. (Dig. Com. U. S. P., 1906,  
p. 338.)

A review of the flaxseed market for 1905-1906 contains sta-  
tistics of the receipts, shipment and monthly range of prices and  
compares with former years on the estimated total production of  
seed in the United States.

1906

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British Linseed Oil

Crop Reporter, 41, p. 289. (Pharm. Era, 35, p. 64.)

A lengthy discussion about the oil and cake, the method of  
extracting the oil and the purity.

Ebert, F. 1907

Linum Usitatissimum

Ztschr. d. Allg. Osterr Apoth. Ver. 45, p. 512. (Dig. Com. U. S. P., 1907, p. 287.)

The author points out that Chinese linseed oil is smaller than that grown in Europe or America. The use of the seed in China is also the same as with us.

Gilmore, J. P. 1907

The Official Testing of Drugs and Chemicals

Yr. Bk. Br. Pharm. Conf., 1907, p. 446. (Dig. Com. U. S. P. 1907, p. 287.)

Reports five out of twenty seven samples below British Pharmacopoeia standards.

Ohio Dairy and Food Commission 1907

Simple Tests for Linseed Oil

Bull. Pharm., 21, p. 391. (Merck's Rep., 6, p. 325; Drugg. Circ., 52, p. 16.)

A simple test for determining the quality of linseed oil is given.

Thomson, R. T. and Dunlop, H. 1907

Examination of Olive, Linseed and Other Oils

Analyst, 31, p. 281. (Yr. Bk. Br. Pharm. Conf., 1907, p. 112.)

Examination of linseed oil, giving the iodine value and other properties.

(Thompson, W. G.) 1907

Emulsion of Linseed Oil

Drugg. Circ., 51, p. 735.

In answer to the query of E. C. W., the Editor gives a formula for the emulsion of Linseed Oil.

(Weicker, T.)

1907

Emulsion of Linseed Oil

Merck's Rep., 16, p. 204.

In answer to the query of A. I. B., the Editor gives the formula for the preparation of emulsion of linseed oil.

1907

(Linum)

Ann. de Pharm. Louvain, 13, p. 277.

The inspectors of Pharmacy found ground linseed contaminated with oil cake meal.

Beacock, J. H.

1908

Chemist's Own Preparations

Merck's Rep., 17, p. 119.

The Codex formula for the preparation of Linseed Oil, Liquorice and Chlorodyne lozenges is given.

Blome, W. H.

1908

(Linum)

Proc. Mich. Pharm. Assoc., 26, p. 93. (Dig. Com. U. S. P., p. 321.)

Caesar & Loretz

1908

Semen Lini

Gesch. Ber., 1908, p. 58. (Dig. Com. U. S. P., 1908, p. 321.)

The authors assert that the use of linseed as a mechanically acting remedy in the treatment of chronic constipation is rapidly increasing.

Pearson, W. A.

1908

The Pharmacopoeia From the Viewpoint of an Analytical  
Worker

Am. Journ. Pharm., 80, p. 77. (Merck's Rep., 17, p. 94.)

The solubility of linseed oil in absolute alcohol is given far too high in the United States Pharmacopoeia.

Schneider, A.

1908

## Flaxseed

Pac. Pharm., 2, p. 392. (Dig. Com. U. S. P., 1908, p. 321.)

A report is given on three samples of flaxseed. Two were pure, and one was adulterated with 50% wheat flour and 20% unknown tissue.

Smith, Kline &amp; French Co.

1908

## (Linum)

Analytical Rep., 1908, p. 23. (Dig. Com. U. S. P., 1908, p. 321.)

Report that one out of three samples examined was of poor quality, containing a rancid oil.

(Weicker, T.)

1908

## Emulsion of Linseed Oil

Merck's Rep., 17, p. 176.

In answer to the query of I. R. I., the Editor gives a formula for the preparation of emulsion of linseed oil.

Collin, E.

1909

## Essai des Tourteaux de Lin

Journ. d. Pharm. et de Chim., S. 7, 27, p. 369. (Dig. Com. U. S. P., 1909, p. 444.)

The author discusses the detection of linseed oil cake and describes and illustrates the anatomical elements found.

Evans, Sons., Lescher and Webb 1909

Linseed

Analytical Notes, 4, p. 41. (Dig. Com. U. S. P., 1909, p. 444.)

A report is given on a consignment of linseed which yielded 38% of oil to petroleum ether.

Local Government Board 1909

Drugs in Scotland

Chem. and Drugg., 75, p. 17. (Dig. Com. U. S. P., 1909, p. 445.)

The fourteenth annual report of the Board for Scotland reports twelve samples of linseed examined showed only one of doubtful purity.

Ohio Dairy and Food Commission 1909

Purity of Linseed Oil

West. Drugg., 31, p. 41.

The Editor in replying to R. J. O., abstracts from the above author a method of testing the purity of linseed oil.

Peters, W. 1909

Gehalt einigen Drogen an Feuchtigkeit und Ashe

Apoth. Zeit., 24, p. 538. (Dig. Com. U. S. P., 1909, p. 444.)

The author gives the moisture and ash content of linseed as obtained in his experiment.

1909

(Linum)

Journ. de Pharm. d'Anvers, 54, p. 551. (Dig. Com. U. S. P., 1909, p. 445.)

Belgian inspectors of pharmacies report certain pharmacists continue to sell linseed cake meal pretending that their clients prefer it.

Bolley, H. L.

1910

(Linum Usitatissimum)

Oil, Paint and Drug Rep., 78, p. 384. (Dig. Com. U. S. P., 1910, p. 512.)

The author asserts that the failure of the flax crop in the Northwest is due to the preventable disease and not to the impoverishment of the soil.

Bataille, ~~ill.~~

1910

Essai Rapide de la Farine de Lin

Bull. Sci. Pharmacol., 17, p. 83. (Dig. Com. U. S. P., 1910, p. 513.)

A rapid method for the assay of flaxseed meal by levigation with benzine is given.

Caesar &amp; Loretz

1910

Semen Lini

Jahres Ber., 1910, p. 54. (Dig. Com. U. S. P., 1910, p. 512.)

The author remarks on the German Pharmacopoeia requirements for linseed.

Collin, E.

1910

Essai des Tourteaux de Lin

Bull. Sci. Pharmacol., 17, p. 114. (Rep. de Pharm., p.—; Pharm. Zeit., 50, p. 283; Amer. Drugg. & Pharm. Rec., 56, p. 276; Proc. Am. Pharm. Assoc., 58, p. 198.)

Gives a rapid test for the adulteration of linseed meal.

David, J. E.

1910

(Linum)

Proc. Mich. Pharm. Assoc., 28, p. 62. (Dig. Com. U. S. P. p. 512.)

The author points out that the United States Pharmacopoeia requires 30% oil in Flaxseed meal and that the firm seed yields from 36-44%. This allows the dishonest dealer to adulterate the meal.

Smith, H. B.

1910

#### Case of Linseed Poisoning

Brit. Med. Journ., 1910, 2, p. 1260. (Dig. Com. U. S. P., 1910, p. 513.)

A case of a boy, age 13, who after eating linseed cake developed an acute urticaria, red flush, swollen and oedematous eyelids.

1910

#### Essai Rapide de la Farine de Lin

Bull. Sci. Pharmacol., 17, p. 83. (Yr. Bk. Br. Pharm. Conf., 1910, p. 158.)

Gives a simple test for foreign vegetable admixture in linseed powder.

1910

#### Emulsion of Linseed Oil

Drugg. Circ., 54, p. 365.

In answer to the query of B. S. G., the Editor gives the formula for the preparation of emulsion of linseed oil.

1910

#### The Linseed Oil Situation

Drugg. Circ., 54, p. 499.

Tells of the falling off of crops of flaxseed and suggests sesame oil as a good substitute for linseed oil in medicine.

1910

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Detection of Foreign Admixture in Linseed Meal

West. Drugg., 32, p. 409.

Gives a method for the detection of admixture in linseed meal.

1910

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Emulsion Linseed Oil

Merck's Rep., 19, p. 82.

In answer to query of J. J., the Editor gives the formula for the preparation of linseed oil emulsion.

1910

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(Detection of Foreign Matter in Ground Flaxseed)

Rep. de Pharm., —, p. —. (Natl. Drugg., 40, p. 379)

A rapid method is given for determining the admixture of foreign material in linseed oil.

1910

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Linum

Brit. & Col. Drugg, 58, p. 28. (Dig. Com., U. S. P., 1910, p. 512.)

The Committee of reference in pharmacy thinks that the name should be changed to "lini semini" and the description changed to read:- The epidemal cells are filled with mucilage which swells and dissolves when the seeds are soaked in water.

1910

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(Linum)

Oil, Paint & Drug Rep., 78, p. 7. (Dig. Com., U. S. P., 1910, p. 512.)

1910

(Linum)

Oil, Paint and Drug Rep., 78, p. 7. (Dig. Com., U. S. P., 1910, p. 512.)

An editorial states that flax growing does not exhaust the soil chemically but the failure of farmers to produce flaxseed in the West is due to a preventable disease, and outlines a remedy as developed by Balley.

1910

(Linum)

Oil, Paint and Drug Rep., 78, Oct. 10, p. 25. (Dig. Com., U. S. P., 1910, p. 512.)

Attention is called to the probable flax crop of the U. S. There is thought to be a great shortage in the yield of flax.

Bussard, L.

1911

(Linum)

Ann. Falsif., 4, p. 30. (Dig. Com., U. S. P., 1911, p. 413.)

A discussion on the adulteration of linseed is given.

(Editor.)

1911

(Linum)

Oil, Paint and Drug Rep., 83, Oct. 30, p. 7. (Dig. Com., U. S. P., 1911, p. 412.)

An editorial calls attention to the report by Balley on the cultivation of flax in the Northwest.

Evans Sons, Lescher &amp; Webb

1911

Linseed Oil (Raw)

Anal. Notes, 6, p. 45. (Dig. Com., U. S. P., 1911, p. 413.)

Evans Sons, Lescher & Webb. 1911

Linseed Oil (Raw)

Anal. Notes, 6, p. 45. (Dig. Com., U. S. P., 1911, p. 413.)

A report is given on five samples of crushed linseed. The oil which was extracted with ether varied from 28.2 to 36.6%.

Hartwich, C. 1911

Die Rohstoffe des Neuen Arzneibuches

Apoth. Ztg., 26, p. 94. (Dig. Com., U. S. P., 1911, p. 413.)

The author in discussing the German Pharm. fifth edition, description for linseed, states that the color should be given as light brown to reddish brown and not yellow. He also points out that the mucilage is in the membrane.

Ince, J. W. 1911

(Linum)

Bull. Agric. Expt. Stat., 95, p. 393. (Dig. Com., U. S. P., p. 413.)

The author reports some experiments made with flaxseed screenings. Concludes that flaxseed screenings contain an active poison, prussic acid.

Jensen, H. R. 1911

The Analytical Examination of Linseed Oil

Pharm. Journ., 86, p. 839. (Yr. Bk. Brit. Pharm. Conf., 1911, p. 100.)

Data on the analytical examination of linseed oil is given.

Londer, G. C. 1911

Linum

Vet. Journ., 67, p. 461. (Dig. Com., U. S. P., p. 413.)

The author reports on the formation of hydrocyanic acid from

linseed cake. Points out that poisoning by giving linseed oil has been known and recorded.

Linke, H. 1911

Placeuta Seminis Lini

Ber. d. Deutsch. Pharm. Gesell., 21, p. 195. (Dig. Com., U. S. P., 1911, p. 413.)

The author regrets the absence of moisture and ash content limitations for linseed. Tells of results obtained in determining the moisture and ash content.

Lloyd, J. W. 1911

Linum

Bull. Lloyd Libr., 1911, p. 55. (Dig. Com., U. S. P., 1911, p. 412.)

The author states that flaxseed has been cultivated from all times in the old world. It is used both as food and as medicine.

(Mason, H. B.) 1911

Linseed Oil Soap

Bull. Pharm., 25, p. 484.

In answer to the query of I. C. T., a formula for the preparation of linseed oil soap is given.

Neville, H. A. 1911

(Linseed)

Chem. Trade Journ., 1911, p. 265. (Pharm. Journ. & Pharm., 1911, p. 528; Proc. Am. Pharm. Assoc., 59, p. 226.)

The author gives the percentage and the properties of the mucilage found in linseed.

Osborne, T. B. 1911

(Linum)

Ergeb. Physiol., 10, p. 184. (Dig. Com., U. S. P., 1911, p. 413)

The author discusses the amount and general character of the proteins found in linseed.

Smith, Kline and French Co. 1911

(Linum)

Analytical Report, 1911, p. 27. (Dig. Com., U. S. P., 1911, p. 413.)

A report is given on two samples of linseed which were examined.

Thompson, W. H. 1911

Thompson's Emulsion of Linseed Oil

Drugg. Circ., 55, p. 483.

Gives his formula for the preparation of emulsion of linseed oil.

Tunmann, O. 1911

Der Drogenhandel Hamburgs

Apoth. Ztg., 26, p. 569. (Dig. Com., U. S. P., 1911, p. 412.)

The author states that flax is one of the oldest of our cultivated plants and is now grown in all European countries. The chief sources of import at Hamburg are Russia, Argentina, India, Algeria, Morocco and Brazil.

Wilson, L. 1911

Linseed Oil

Proc. N. W. D. A., 37, p. 110. (Dig. Com., U. S. P., 1911, p. 413.)

Gives statistics on the consumption of flaxseed in this country and the source of supply.

1911

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 Linseed Oil

Pharm. Journ., 86, p. 654. (Dig. Com., U. S. P., 1911, p. 413.)

An unsigned review of the Pharm. Germ. V, points out that an ash limit of 5% is introduced.

1911

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 (Linum)

Bull. Imp. Inst., 9, p. 355. (Dig. Com., U. S. P., 1911, p. 412.)

An unsigned review discusses the cultivation, preparation and production of flax and linseed.

Bicknel, E. P.

1912

## Linum

Bull. Torrey Bot. Club, 39, p. 418. (Dig. Com., U. S. P., p. 323.)

Linum usitatissimum and several other species of linum are reported as growing on the Island of Nantucket.

(Editor)

1912

## Universal Balm

Drugg. Circ., 56, p. 24.

In reply to G. F. D., the Editor gives a formula for the preparation of sulphurated linseed oil to be used as a balsam.

(Editor.)

1912

## Bleached Linseed Oil

West. Drugg., 34, p. 572.

In answer to A. E. D., the Editor gives a method for bleaching linseed oil.

(Editor.) 1912

(Linum)

Oil, Paint & Drug Rep., 82, Aug. 26, p. 9. (Dig. Com., U. S. P., 1912, p. 323.)

Statistics of the flaxseed crop of 1910 and 1911 and the prospects of a large crop for 1912 are given.

Elsdon, G. D. and Hawley, H. 1912

Detection of Adulteration in Linseed Oil

Chem. News, 106, p. 306. (Merck's Rep., 22, p. 46.)

A new method is described for detecting adulteration of linseed oil.

Epplen, W. G. 1912

A Container For Small Stocks Of Flaxseed Meal

Bull. Pharm., 26, p. 76.

Tells of a container to hold small stocks of flaxseed meal.

Gane, E. H. 1912

Linseed Oil

Journ. Am. Pharm. Assoc., 1, p. 501.

The author tells of the adulteration of linseed oil with corn and sago bean oil.

Gehe & Co. 1912

Oleum Lini

Handelsbericht, 1912, p. 85. (Dig. Com., U. S. P., 1912, p. 323.)

Chief producers of linseed are India, Argentina, Russia and North America.

Havenhill, L. D.

1912

Oleum Lini

Journ. Am. Pharm. Assoc., 1, p. 861.

Comment on some of the properties of linseed oil as they are found in the U. S. P.

(Mayo, C. A.)

1912

Solubility of Sulphur in Linseed Oil

Am. Drugg. & Pharm. Rec., 60, p. 435.

In answer to query of C. M. C. the solubility of sulphur in linseed oil is given.

Riedel, J. D.

1912

Aschen und Extrakt Bestimmung von Drogen des D. A. B., 5

Riedel's Berichte, 1912, p. 50. (Dig. Com., U. S. P., 1912, p. 324.)

The writer of the article says that the ash content of linseed was found to vary from 3.3 to 4.5%. The amount of insoluble ash was .59%.

Rothein, H.

1912

Om Semen Lini Pulver

Svensk Farm. Tidski., 16, p. 24. (Dig. Com., U. S. P., 1912, p. 324.)

Gives tests for powdered linseed.

Skinner, R. P.

1912

(Linum)

Cons. & Siode Rep., 1912, p. 337 and p. 583. (Dig. Com., U. S. P., 1912, p. 323.)

Gives statistics on the decrease of German import of linseed from the U. S. between 1908 and 1911.

Southall & Co. 1912

Linseed Oil

Southall's Rep., 20, p. 14. (Yr. Bk. Brit. Pharm. Conf., 1912, p. 118.)

Shows a few results obtained in testing for adulterations of the oil.

Wilbert, M. I. 1912

Progress in Pharmacy

Am. Journ. Pharm., 84, p. 419.

Report that acacia tree being utilized as a source of oil having the appearance of linseed oil.

1912

Tests for Linseed Oil

Am. Drugg. & Pharm. Rec., 60, p. 35.

A summary of tests for the purity of linseed oil is given, as used in the United States Navy.

1912

Flaxseed Tea

Drugg. Circ., 56, p. 379.

A formula for flaxseed tea is given.

1912

Emulsion of Linseed Oil

Drugg. Circ., 56, p. 675.

In answer to the query of J. W. T. the Editor gives a formula for emulsion of linseed oil.

Collins, S. H. 1913

Abscheidung Von Cyanwasserstoffsäure Aus Leinsamen

Chem. Ztg., 37, p. 252. (Dig. Com., U. S. P., 1913, p. 331.)

Tells of detection of hydrocyanic acid in linseed.

(Committee.) 1913

Oleum Lini

Journ. Am. Pharm. Assoc., 2, p. 1398.

The U. S. P. revision committee has advised that the test for mineral and rosen oils by saponification be omitted.

(Editor.) 1913

Linseed Admixture

Brit. & Col. Drugg., 63, p. 568. (Dig. Com., U. S. P., 1913, p. 331.)

This editorial advises chemists to see that their stocks are practically unmixed. Pure linseed is readily obtainable.

(Editor.) 1913

Licorice, Linseed and Chlorodyne Lozenges

Am. Drugg. & Pharm. Rec., 61, p. 164.

In answer to a query of W. M. F., an English method of preparing linseed, licorice and chlorodyne lozenges is given.

Eyre, J. V. 1913

Die Enzyme des Leinsamens

Chem. Ztg., 37, p. 281. (Dig. Com., U. S. P., 1913, p. 331.)

The author tells of observations on the variable number and natur of the enzyme present in the leaves and the seed of linum.

Evans Sons, Lescher & Webb. 1913

Linseed

Analytical Notes, 8, p. 43. (Dig. Com., U. S. P., 1913, p. 330.)

Gives results of experiments on linseed.

Gehe & Co. 1913

Oleum Lini

Handelsbericht, 1913, p. 100. (Yr. Bk. Am. Pharm. Assoc., 2, p. 392; Pharm. Ztg., 58, p. 328.)

Tests are given for the differentiation of linseed oil varnish from substitutes.

Inc, J. W. 1913

Linum

Bull. North Dak. Agric. Exper. Sta., 106, p. 30. (Digest Com., U. S. P., p. 331.)

Tells of the fertility constituents of flax and of prussic acid being present in the flax plant.

(James, F. L.) 1913

Toricity of Boiled Linseed Oil

Natl. Drugg., 43, p. 182.

In answer to W. C. B., the Editor says he has never heard of raw linseed oil which has been boiled being poisonous.

Kebler, L. F. 1913

Flaxseed

Journ. Am. Pharm. Assoc., 2, p. 1094. (Dig. Com., U. S. P., 1913,

p. 335.)

The author tells of admixture of oats, chaff and foreign seeds in flaxseed.

(Kennedy, E.) 1913

Linseed Tea

Pharm. Era, 46, p. 29.

Gives formula for preparing linseed tea.

(Mayo, C. A.) 1913

Linseed, Licorice and Chlorodyne Lozenges

Am. Drug. & Pharm. Rec., 61, p. 124.

In answer to a query of W. M. F. a formula for the preparation of linseed, licorice and chlorodyne lozenges is given.

Patch, E. L. 1913

Flaxseed Meal

Journ. Am. Pharm. Assoc., 2, p. 680. (Dig. Com., U. S. P., 1913, p. 335.)

The author reports the percentage of oil in twelve samples of flaxseed meal.

Pevenasse, —. 1913

(Detection of Mineral Oil in Linseed Oil)

Rep. de Pharm., —, p. —. (Drugg. Circ., 57, p. 393.)

Gives a method for detecting the presence of mineral oil in linseed oil.

Roberts, J. G. 1913

Oil of Linseed

Roberts, J. G. 1913

Oil of Linseed

Journ. Am. Pharm. Assoc., 2, p. 975.

A report is made on a sample of linseed oil, which was adulterated with mineral oil, fish oil and rosin oil.

West, C. A. 1913

(Linum)

Ellingwood's Therap., 7, p. 99. (Dig. Com., U. S. P., 1913, p. 331.)

Tells of the use of whole flaxseeds in constipation.

1913

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Drugs, Adulterated and Otherwise

Drugg. Circ., 57, p. 739.

Flaxseed was found in the market adulterated with oats, chaff and foreign seeds.

1913

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(Linum)

Oil, Paint & Drug Rep., 83, June 16, p. 34. (Dig. Com., U. S. P., 1913, p. 331.)

Gives the average yield of flax per acre in different parts of Canada and in the United States.

1913

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(Linum)

Oil, Paint & Drug Rep., 83, July 14, p. 9. (Dig. Com., U. S. P., 1913, p. 331; Journ. Ind. & Eng. Chem., 5, p. 423.)

Gives the estimated production of flaxseed in the United States as 21,000,000 bushels.

Collins, S. H. and Blair, H. 1914

The Rate Of Liberation Of Hydrocyanic Acid From Linseed  
Analyst, 39, p. 70. (Dig. Com., U. S. P., 1914, p. 330.)

Tell the rate of the liberation of hydrocyanic acid from  
linseed.

(Committee.) 1914

#### Linum

Pharm. Era, 47, p. 26. (Abstr. Prop. Changes, U. S. P., pt. 2,  
p. 30; Dig. Com., U. S. P., 1914, p. 330; Journ. Am. Pharm.  
Assoc., 3, p. 388.)

A list of the proposed changes for the ninth revision of the  
U. S. P. is given, including data on flaxseed.

(Editor.) 1914

#### Thompson's Emulsion of Linseed Oil

Drugg. Circ., 58, p. 671.

In answer to the query of H. J., the editor gives a formula  
for Dr. Thompson's emulsion of linseed oil.

Gardner, H. A. 1914

#### (Oils And Paste Colors)

Chem. Rev. Fett Harz - Ind., 1914, p. 145. (Pharm. Zentralh.,  
1914, p. 145; Yr. B. Am. Pharm. Assoc., 3, p. 483.)

The Author gives directions for treating linseed oil to  
prevent enzyme action.

(James, F. L.) 1914

#### Linseed Tea

Natl. Drugg., 44, p. 418.

A formula for the preparation of linseed tea is given.

Kohnstamm, O. and Oppenheimer, M. 1914

(Linum)

Therap. Gegenw., 56, p. 283. (Dig. Com. U. S. P., 1914, p. 296.)

Tell of the use of mucilaginous seeds in the treatment of constipation.

Mayer, J. L. 1914

(Linum)

Proc. N. Y. Pharm. Assoc., 36, p. 115. (Dig. Com. U. S. P., 1914, p. 330.)

Tells of the result of experiments on eight samples of flaxseed for the oil content.

Noyes, C. R. 1914

Linum

Journ. Am. Pharm. Assoc., 3, p. 856. (Proc. Minn. Pharm. Assoc., 1914, p. 192; Midland Drugg., 48, p. 145; Dig. Com., U. S. P., 1914, p. 330.)

Tells of the dependence of linseed wholly upon the linseed oil content.

Pannain, E. 1914

Quantitative Analyse Gemischter, Aus Jute, Hanf und Lein Bestehender Gewebe.

Chem. Ztg., 38, p. 541. (Pharm. Zentralh., 1914, p. 1014; Yr.

Bk. Am. Pharm. Assoc., 3, p. 224.)

A few simple tests for textiles are given.

Riedel, J. D.

1914

## Untersuchung Der Offiziniellen Vegetabilischen Drogen

Riedel's Ber., 1914, p. 33. (Dig. Com., U. S. P., 1914, p. 330.)

Give the ash content and the water soluble extract content of flaxseed.

Smith, W. H. and Tuttle, J. B.

1914

## Iodine Number of Linseed and Petroleum Oils

Journ. Ind. and Eng. Chem., 6, p. 994. (Yr. Bk. Am. Pharm.

Assoc., 3, p. 483.)

The authors give results of investigations of varying conditions on the iodine value of linseed oil.

Thurston, A.

1914

## Linseed Oil

Journ. Am. Pharm. Assoc., 3, p. 174. (Yr. Bk. Br. Pharm. Conf.,

1914, p. 80; Yr. Bk. Am. Pharm. Assoc., 3, p. 482.)

Gives a method for testing for gloss oil in linseed oil.

Van Kampen, G. B.

1914

## (Het Gehalte Aan In Water Oplosbare Koolhydraten Von Lignozood)

Chem. Weekblad, 10, p. 142. (Dig. Com., U. S. P., 1914, p. 330.)

The author tells of the amount of water soluble carbohydrates in linseed.

Weinstein, J.

1914

## (Linum)

Proc. N. Y. Pharm. Assoc., 37, p. 90. (Dig. Com. U. S. P., 1914,

p. 295.)

Gives the report on the yield of oil from samples of flaxseed extracted with ether.

Winton, K. B.

1914

Histology of Flax Fruit

Bot. Gaz., 58, p. 445. (Dig. Com. U. S. P., 1914, p. 330.)

Gives a lengthy description of the flax fruit together with four illustrations showing different sections of the fruit.

1914

Sale of Food and Drug Act Administration

Pharm. Journ., 94, p. 660. (Dig. Com. U. S. P., 1914, p. 296.)

The local government board gives a report on 194 samples of linseed examined. Twenty-six of these samples were found adulterated.

1914

(Linum)

Brit. Food Journ., 17, p. 17. (Dig. Com. U. S. P., 1914, p. 296.)

Tells of a sample of oil which contained only 21% oil in place of not less than 30% as required by the Pharmacopoeia Brittanica.

1914

What Is Pure Ground Flaxseed Meal?

Mid. Drugg. & Pharm. Rev., 48, p. 145.

An article concerning whether flaxseed meal according to the laws of the state should be classed as "Feed Stuff" which is given to animals as feed, or whether it should not come under this head.

1914

(Iodine Number of Linseed and Petroleum Oil)

Techn. Paper, 37, p. —. (Pharm. Era, 47, p. 362.)

Gives a method of determining the iodine number of linseed oil.

(Anonymous) 1915

(Linum)

Weekly Drug Markets, 1, p. 11. (Dig. Com. U. S. P., 1915, p. 295.)

Tells of the flaxseed area in the Northwest becoming smaller because the farmers are putting in wheat and oats instead of flax.

(Collins, S. H. and Blair, H. 1915

Linseed

Chem. News, 111, p. 19. (Dig. Com. U. S. P., 1915, p. 295; Yr.

Bk. Am. Pharm. Assoc., 4, p. 139.)

The authors report on the results obtained in the investigation of the rate of liberation of hydrocyanic acid from linseed.

Rabak, F. 1918

Linum Usitatissimum

Bull. U. S. Dept. Agric., 46, p. 24. (Chem. Abstr., 12, p. 516;

Yr. Bk. Am. Pharm. Assoc., 7, p. 471.)

The author reports that differences in the properties of the oil are due to geographical source and the variety of flax.

Van Kampen, G. R. 1915

Linum

Landw. Vers. Stat., 83, p. 471. (Expt. Sta. Rec., 32, p. 802;

Dig. Com. U. S. P., 1915, p. 295.)

On the determination of the amount of water soluble carbohydrates in flaxseed.

Kohnstamm, O. and Oppenheimer, M. 1916

"  
Flösamen und Linsamen

Therap. Gegenw., 56, p. 283. (Drugg. Circ., 60, p. 18; Yr. Bk. Am.

Pharm. Assoc., 5, p. 193.)

The authors call attention to the good results obtained with linseed in the treatment of constipation.

Friend, J. A.

1917

Notes on the Effect of Heat and Oxidation on Linseed Oil

Chem. & Drugg., 89, p. 271. (Drugg. Circ., 61, p. 515; Yr. Bk. Am. Pharm. Assoc., 6, p. 380.)

The author tells about the effect of heat and oxidation on linseed oil.

Kunz, Krause, H. and Brandes, C.

1917

Linum

Arch. de Pharm., 254, p. 33. (Chem. Abstr., 11, p. 2388; Yr. Bk. Am. Pharm. Assoc., 6, p. 198; Dig. Com. U. S. P., 1917, p. 234.)

Discuss the exclusion of the yellow seed from the Pharm. Germ. V. Claim this exclusion to be unwarranted.

Bandalin, J. and Paliakoff, J. de

1918

Linoserum et Douches dau Chaud Contre les Burbures par

Lyperite

L'Union Pharm., 59, p. 284. (Am. Drugg. & Pharm. Record, 7, p. 334; Yr. Bk. Am. Pharm. Assoc., 8, p. 92; Am. Journ. Pharm., 91, p. 315.)

The authors give a formula for the preparation of a linseed serum which is used for burns.

Ewe, G.

1918

Making Flaxseed Palatable for Use As a Laxative

Proc. Pa. Pharm. Assoc., 41, p. 163. (Yr. Bk. Am. Pharm. Assoc., 7, p. 253; Dig. Com. U. S. P., 1918, p. 247.)

The author gives a method of making a palatable laxative from crushed flaxseed.

Gill, A. H. 1918

The Occurrence of Carotin in Oils and Vegetables

Journ. Ind. & Eng. Chem., 10, p. 612. (Dig. Com. U. S. P., 1918, p. 247.)

Carotin is reported as being a constituent of flaxseed.

(James, F. L.) 1918

To Bleach Linseed Oil

Natl. Drugg., 48, p. 68.

A method of bleaching linseed oil is given.

Mannich and Thiele 1918

(Fixed Oils and Fats)

Les Mat. Grasses, —, p. —. (Drugg. Circ., 62, p. 75; Yr. Bk. Am. Pharm. Assoc., 7, p. 460.)

The authors list the melting point, iodine number and saponification number of linseed oil.

1918

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Boiled Linseed Oil

Chem. & Drugg., 90, p. 352. (Yr. Bk. Am. Pharm. Assoc., 7, p. 471.)

Tells how boiled oil can be used to prevent rusting.

1918

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Linseed Crops

Chem. & Drugg., 90, p. 12. (Yr. Bk. Am. Pharm. Assoc., 7, p. 268.)

A report is given on the production of linseed throughout the world.

1918

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(Linum)

Bull. Imp. Inst., 15, p. 576. (Dig. Com. U. S. P., 1918, p. 247.)

The results of the analysis of flax seed from Rhodesia are given.

Roark, R. C.

1919

Plants used as Insecticides

Am. Journ. Pharm., 91, p. 95.

Tells about flaxseed oil being used as an insecticide, according to Porcher.

1919

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Flax Culture

Chem. & Drugg., 91, p. 162. (Yr. Bk. Am. Pharm. Assoc., 8, p. 229.)

The article deals with the reestablishment of flax culture in Scotland.

1919

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Linseed

Chem. & Drugg., 91, p. 1044. (Yr. Bk. Am. Pharm. Assoc., 8, p. 229.)

Statistics on the production of linseed throughout the world are given.

1919

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Boiled Linseed Oil

Chem. & Drugg., 91, p. 54. (Yr. Bk. Am. Pharm. Assoc., 8, p. 468.)

The article deals with boiled linseed as a floor stain.

Bruckhams, —.

1920

(Linseed Oils)

Sief. Ztg., —, p. —. (Chem. News, 121, p. 311; Yr. Bk. Am. Pharm. Assoc., 8, p. 554.)

The author claims that it is practically impossible to obtain a substitute for linseed oil.

Prescher, J.

1920

Linseed Oil

Pharm. Zentrhl., 61, p. 391. (Yr. Bk. Am. Pharm. Assoc., 8, p. 554.)

The author discusses the various constants and tests for linseed oil.

Sansone, R.

1920

(Linseed Oil Substitute)

Sci. Fa. —, p. —. (West. Drugg., 42, p. 322.)

Gives some substitutes for linseed oil.

Steele, L. L. and Washburn, F. M.

1920

A new Hexabromide Method For Linseed Oil

Journ. Ind. & Eng. Chem., 12, p. 52. (Yr. Bk. Am. Pharm. Assoc., 8, p. 553.)

A method for determining the hexabromide value of linseed oil is given.

Wolff, H.

1920

(Oleum Lini)

Farben Ztg., —, p. —. (Journ. Soc. Chem. Ind., 39, p. 417A; Yr. Bk. Am. Pharm. Assoc., 8, p. 553.)

The author gives the method of determining the hexabromide value of linseed oil.

Kohnabrest, A. 1921

Presence of Hydrocyanic Acid in Linseed Cake

Am. Journ. Pharm., 93, p. 288.

Tells of the presence of hydrocyanic acid in linseed cake.

Lloyd, J. U. 1921

Linum

Origin & History of Vegetable Drugs, 1, p. 183.

Describes the habitat of the plant and the uses of the plant parts (the fiber and the seeds). Also tells how the growing of flax was promoted back in the days of Charlemagne.

1921

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Notices to Manufacturers of Linseed Meal

Pharm. Era, 54, p. 50.

A warning is sent out that linseed meal adulterated with weed seeds is against the food and drug law standard.

1921

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Report by the Committee of Analysts on Standards of Merchantable Quality

Analyst, 45, p. 286. (Yr. Bk. Br. Pharm. Conf., 1921, p. 77.)

Gives the schedule of standards for linseed oil.

1922

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Linseed Oil Chapped Hand Lotion

Am. Drugg. & Pharm. Rec., 70, p. 31.

A formula for a linseed oil chapped hand lotion is given.

History of *Linum Usitatissimum* in the United States  
Pharmacopoeia from 1820-1910

Linseed Oil

1820 - p. 40

(*Linum Usitatissimum*)

Oleum fixum seminis      The fixed oil of the seeds.

Called linseed oil.

Lini Oleum.      *Linum Usitatissimum*.

Flaxseed Oil      The fixed oil of the seed

Called Linseed Oil

Oleum Lini

1830 - p. 18

Oleum Lini

*Linum Usitatissimum*

Flaxseed Oil

1533

Seminum Oleum

The oil of the seeds.

Oleum Lini

1840 - p. 28

Oleum Lini

Flaxseed Oil

The oil of the seeds of *Linum Usitatissimum*.

Oleum Lini

1850 - p. 32

Oleum Lini

Flaxseed Oil

The oil of the seeds of *Linum Usitatissimum*.

## Oleum Lini

1860 - p. 39

Oleum Lini

Flaxseed Oil

The oil obtained from the seed of the *Linum Usitatissimum*.

## Oleum Lini

1870 - p. 40

Oleum Lini

Flaxseed Oil

The fixed oil obtained from the seed of *Linum Usitatissimum*.

## Oleum Lini

1880 - p. 238

## Oleum Lini

Oil of Flaxseed

(Linseed Oil)

A fixed oil expressed from flaxseed without the use of heat.

A yellowish or yellow, oily liquid, having a slight, peculiar odor, a bland taste, and a neutral reaction. When exposed to the air, it gradually thickens, acquires a strong odor and taste, and finally solidifies. Sp. gr. about 0.936. It is soluble in five parts of absolute alcohol and in 1.5 parts of ether. It does not congeal above  $-20^{\circ}$  C. ( $-4^{\circ}$  F.).

## Oleum Lini

1890 - p. 280

## Oleum Lini

(Linseed Oil)

(Oil of Flaxseed)

A fixed oil expressed from linseed without the use of heat.

It should be kept in well-stoppered bottles.

A yellowish or yellow, oily liquid, having a slight, peculiar odor, and a bland taste. When exposed to the air it gradually thickens, and acquires a strong odor and taste; and if spread, in a thin layer, on a glass plate, and allowed to stand in a warm place, it is gradually converted into a hard, transparent, resin-like mass (absence of non-drying oils).

Specific gravity: 0.930 to 0.940 at 15° C. (59° F.).

It does not congeal above -20° C. (-4° F.).

Soluble in about 10 parts of absolute alcohol, and, in all proportions, in ether, chloroform, benzin, carbon bisulphide, or oil of turpentine.

It should not more than slightly redden blue litmus paper previously moistened with alcohol (limit of free acid).

If 2 Cc. of the oil be shaken with 1 Cc. of fuming Nitric acid and 1 Cc. of water, it should neither completely nor partially solidify, even after standing for one or two days (absence of non-drying oils).

If 10 Cc. of the oil, contained in a small flask, be mixed with a solution of 3 Gm. of potassium hydrate in 5 Cc. of water, then 5 Cc. of alcohol added, and the mixture heated for about five minutes on a water bath, with occasional agitation, a dark-colored but clear and complete solution should be obtained.

If this liquid be diluted with water to the measure of 50 Cc., then cooled, and shaken with 50 Cc. of ether, the clear, ethereal layer, after having separated, should not show a bluish fluorescence, and, when carefully decanted, and allowed to evaporate spontaneously, should leave not more than a slight, and not oily, residue (absence of paraffin oils).

### Linseed

1900 - p. 257

### Linum

#### Linseed

#### Flaxseed

The ripe seed of *Linum Usitatissimum* Linne (Fam. Linaceae).

Ovate or oblong-lanceolate, flattened, 4 or 5 Mm. long, obliquely pointed at one end; externally chestnut-brown, very smooth and glossy, covered with a transparent, mucilaginous outer wall which swells in water; embryo whitish or greenish, with two large, plano-convex and oily cotyledons, embedded in a thin perisperm; odor slight, taste mucilaginous, oily.

Ground linseed (Linseed Meal or Flaxseed Meal) should be recently prepared and free from unpleasant or rancid odor. It is a grayish-yellow powder containing brownish fragments, and when exhausted by carbon disulphide should yield not less than 30 percent of a fixed oil, all of which is saponifiable.

If 0.1 Gm. of ground Linseed be mixed with 20 Cc. of water and the mixture heated to boiling, then cooled and diluted with cold water to 100 Cc. the addition of 0.5 Cc. of iodine T. S. should not produce more than a pale blue color (limit of starch).

### Linum

### Linseed

### Flaxseed

The ripe seeds of *Linum usitatissimum* Linne (Fam. Linaceae), without the presence or admixture of more than 3 per cent of other seeds or foreign matter. Preserve it in tightly-closed containers and add a few drops of carbon tetrachloride or chloroform from time to time to prevent attack by insects.

Ovate or oblong-lanceolate, flattened, obliquely pointed at one end, from 3 to 5 mm. in length; externally chestnut-brown, very smooth and shiny, the raphe extending as a distinct, light-yellow ridge along one edge; easily cut with the finger-nail; internally olive-green; oily; odor slight; taste mucilaginous and oily.

Under the microscope, transverse sections of Linseed when mounted in hydrated chloral T. S. show an epidermis with a mucilaginous layer from 0.01 to 0.03 mm. in thickness, covered by a very thin layer of cutin which is often more or less broken; two layers of parenchyma which overlie a continuous ring of stone cells having yellowish, porous walls and rather large lumina; a pigment layer, the cells having a reddish-brown content; an endosperm consisting of from 6 to 10 rows of cells surrounding the two large plano-convex cotyledons; the cells of both the endosperm and the cotyledons contain a fixed oil and aleurone grains, the latter being from 0.003 to 0.02 mm. in diameter.

The powder is lemon-yellow or light brown, consisting chiefly of large, oily globules and irregular fragments of endosperm and seed-coat; the seed-coat is characterized by the tabular pigment cells filled with a reddish-brown, insoluble content and the somewhat elongated stone cells with yellowish walls; mounts made from material from which the fixed oil has been removed show aleurone grains from 0.003 to 0.02 mm. in diameter, both free and in the cells of the endosperm and embryo.

Linseed Meal or Flaxseed Meal is light olive-brown with reddish-brown fragments; the latter very coarse and the cellular tissues are the same as those of the powder.

Powdered Linseed or Flaxseed and Linseed Meal or Flaxseed Meal must be free from any unpleasant or rancid odor.

The powder, upon extraction with purified petroleum benzin, yields not less than 30 per cent. of a fixed oil, at least 98 per cent. of which is saponifiable.

Boil 1 Gm. of the fat-free Linseed or Flaxseed Powder or Meal, with 50 mls of water, cool and filter; the filtrate gives not more than a faint blue color, on the addition of iodine T. S.

Linseed yields not more than 6 per cent. of ash.

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