

EDITORIAL NOTES

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NEW AND NONOFFICIAL REMEDIES.

The following additional articles have been accepted as conforming to the rules of the Council on Pharmacy and Chemistry of the American Medical Association for admission to New and Nonofficial Remedies. A copy of the rules on which the Council bases its action will be sent on application.

W. A. PUCKNER, *Secretary*.

ETHYLENE FOR ANESTHESIA (See New and Nonofficial Remedies, 1927, p. 50).

Ethylene-C. L. P.—A brand of ethylene for anesthesia—N. N. R.

Manufactured by the U. S. Industrial Chemical Co., New York (Certified Laboratory Products, Glendale, Calif., distributor). No U. S. patent or trademark.

PROTEIN EXTRACTS DIAGNOSTIC-P. D. & CO. (See New and Nonofficial Remedies, 1927, p. 40).

The following products have been accepted:

Alfalfa Pollen Protein Extract Diagnostic-P. D. & Co.; *Bean (Kidney) Protein Extract Diagnostic-P. D. & Co.**

Prepared by the method given in New and Nonofficial Remedies, 1927, p. 40.

TYPHOID VACCINE (See New and Nonofficial Remedies, 1927, p. 365).

Parke, Davis & Company, Detroit.

Typhoid Vaccine (Prophylactic).—(See New and Nonofficial Remedies, 1927, p. 369.) Also marketed in packages of one 20-cc. vial (Bio. 431) containing 1000 million killed typhoid bacilli per cubic centimeter.

Typhoid-Paratyphoid Vaccine (Prophylactic).—(See New and Nonofficial Remedies, 1927, p. 369.) Also marketed in packages of one 20-cc. vial (Bio. 446) containing 1000 million killed typhoid bacilli and 750 million each of killed paratyphoid bacilli A and B per cubic centimeter.

HORLICK'S MALTOSE-DEXTRIN MILK MODIFIER.—A mixture containing approximately: maltose, 63 per cent; dextrin, 19.5 per cent; protein, 11.5 per cent; fat, 1.4 per

cent; moisture, 2 per cent and ash, 2.6 per cent.

Actions and Uses.—On the claim that maltose is more readily assimilable than other forms of sugar, Horlick's maltose-dextrin milk modifier is proposed to supplement the carbohydrate of cow's milk.

Dosage.—Horlick's maltose-dextrin milk modifier may be used in amounts to meet the requirements of a desired feeding schedule.

Manufactured by Horlick's Malted Milk Corporation, Racine, Wis. No U. S. patent or trademark.

Horlick's maltose-dextrin milk modifier is prepared by the action of diastase on wheat flour in the presence of water. The extraction is brought to dryness under a high vacuum. Approximately 2 per cent of potassium bicarbonate is added in the manufacture of the product; about 0.66 per cent while the product is in the liquid extractive state, and about 1.34 per cent after the product has been dried.

Horlick's maltose-dextrin milk modifier is an ivory-colored or cream-white powder, having a sweet taste. It is soluble in water or milk and is slightly hygroscopic. When in an aqueous solution (1 in 20) it is neutral or slightly alkaline to phenolphthalein and is alkaline to methyl orange.

Add a few drops of solution of iodine to an aqueous solution of Horlick's maltose-dextrin milk modifier (1 in 10): no blue color is produced (*absence of starch*).

Determine the maltose content of Horlick's maltose-dextrin milk modifier gravimetrically by the Munson & Walker method. Determine the fat content by extraction in an extraction tube, using the neutral Roesse-Gottlieb method; evaporate the extraction and weigh the residue. Determine the protein content by calculation from the nitrogen content as found by the Kjeldahl-Gunning-Arnold method.

—From *Jour. A. M. A.*, June 18, 1927.

B. ACIDOPHILUS MILK-FAIRCHILD.—

A whole milk cultured with *B. acidophilus*. It contains not less than 50 millions of viable organisms (*B. acidophilus*) per cubic centimeter at the time of sale.

Actions and Uses.—See Lactic Acid-Producing Organisms and Preparations, New and Nonofficial Remedies, 1927, p. 216.

Dosage.—Ordinarily the contents of one bottle (200 cc.) may be taken daily—at one time, or divided as preferred. The quantity

may be greatly increased by direction of the physician, especially at the beginning of the treatment when the contents of two or three bottles may be consumed daily. *B. acidophilus* milk-Fairchild is marketed in bottles containing 200 cc. (7 fluidounces); it must be kept in a cool place and should be used prior to the date stamped on the label.

Manufactured by Fairchild Bros. and Foster, New York. No U. S. patent or trademark.

—From *Jour. A. M. A.*, June 25, 1927.

CROTALUS ANTITOXIN.—An antitoxic serum prepared by immunizing animals against the venom of snakes of the crotalus family.

Actions and Uses.—Evidence has accumulated to show that the venom of certain snakes may be neutralized by the employment of a serum obtained from animals that have been injected with venom from a snake of the same family. Crotalus antitoxin is used to neutralize the venom injected by the bite inflicted by members of the crotalus family.

Dosage.—The serum is administered intramuscularly; but in cases seen late or in the presence of severe symptoms it may be administered intravenously.

H. K. Mulford Company, Philadelphia.

Antivenin (Nearctic Crotalidae).—*North American Anti-Snake-Bite Serum.*—An antitoxic serum prepared by injecting horses with venoms from serpents of the North American species of the family *Crotalidae* (Rattle Snake, 75 per cent; Copperhead, 12 $\frac{1}{2}$ per cent; and Water Moccasin, 12 $\frac{1}{2}$ per cent). It is claimed to have neutralizing effect against the venom of the species represented. The venom is extracted from the snakes and promptly desiccated. The mixture of the venoms is injected subcutaneously into horses in fractional doses until immunity is established. The animal is bled, and the plasma is concentrated by a salting-out process. The potency of the product is determined by tests on pigeons, the maximum amount of venom neutralized by 1 cc. of the serum being taken as the titer of the product.

Marketed in syringes containing 10 cc. (a single dose).

—From *Jour. A. M. A.*, July 2, 1927.

PERSONAL AND NEWS ITEMS.

Prof. Elmer Kraemer, of the University of Wisconsin, has been engaged in colloidal chemistry work during the summer months, at DuPont's Laboratories.

David F. Jones was honored with the degree of Doctor of Science by the University of South Dakota.

Pharmacists John Cameron and Moody Meng of Peking, have prepared a booklet on "Fitting Up a Private Dispensary in China." There is a great deal of information contained therein which will be serviceable for those who intend the fitting out of a dispensary in China. A list of the necessary items are given and the approximate cost. The article

also contains considerable information relative to the fitting out of a dispensary.

The 20th annual report of the American Druggists' Fire Insurance Company, printed in booklet form, shows a group of representatives from 43 States, well known among pharmacists in the respective States; most of them formerly engaged in pharmacy. The insurance in force is now nearly 63 millions.

A gift of \$400,000 from Pierre S. du Pont to further the cause of education in Delaware was announced July 2nd, bring Mr. du Pont's total donations for this purpose to more than \$4,000,000 in nine years.

PREPARED MEDICINE TRADE OF U. S. LEADS WORLD.

The United States is the world's largest producer, consumer and exporter of prepared medicines, according to the United States Commerce Department. The latest census shows that the value of patent medicines and druggists' preparations manufactured in this country in 1925 was nearly \$320,000,000. During the same period exports had a value of nearly \$20,000,000.

The total import trade of the world in all forms of medicinals amounts to approximately \$110,000,000 each year, about two-thirds of which represents prepared medicines and medicinal specialties. The United States enjoys between 20 and 25 per cent of this international trade in prepared medicines. There is no country where the American drug salesman has not penetrated, and the rapidly increasing volume of the export trade of the United States indicates that his efforts have been fruitful of results.

THE N. A. R. D. CONVENTION IN KANSAS CITY.

The annual convention of the National Association of Retail Druggists will be held in Kansas City, September 19th-23rd. The Headquarters will be at the Muehlebach; the convention and exhibit will be held in Kansas City's new Shrine Temple, one of the rooms of which will seat 3000 with a stage capacity for 600. The room for the exhibit has a floor area of 15,000 square feet.

The Local Convention Committee is presided over by the following officers and chairmen: C. W. Hutchason, George A. Hofer, C. C. Booher, H. S. Chambers, W. M. Federmann, Hugo Brecklein, C. M. Owen, J. Will Kelley, Paul L. Hess, L. B. Coffey and Carl B. Casper.