

BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

Compiled by A. G. DuMez, Reporter on the Progress of Pharmacy.

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APPARATUS AND MANIPULATIONS.

Böttger, W.

Effect of dirty glassware on the titer of NaOH solution

Schweiz. Apoth. Ztg., 65 (1927), 549

Stephens, W. Barclay

New bottle holder that eliminates corks

J. A. M. A., 89 (1927), 1966

PHARMACEUTICAL PREPARATIONS.

Eschenbrenner, H.

Preparation of extract of belladonna, D. A. B. 6

Pharm. Ztg., 72 (1927), 1462

Franklin, J. H.

Notes on pharmaceutical preparations

Pharm. J., 119 (1927), 581

Knight, W. A.

Notes on some B. P. C. preparations

Pharm. J., 119 (1927), 641

Kroeber, Ludwig

Extractum radicis taraxaci cum herba fluidum

Pharm. Zentralh., 68 (1927), 735

Raurich, F. E.

Analysis of fluidextract of hydrastis canadensis

Anales soc. españ. fis. quím., 24 (1926), 647; through *Pharm. J.*, 119 (1927), 562

Robert, J.

Method of dispensing ointment of orthoform, boric acid and zinc oxide

Bull. Pharm. Süd Est, 31 (1927), 235; through *Pharm. J.*, 119 (1927), 526

Robinson, Wilton H.

Preparation of petrolatum gauze

J. A. M. A., 89 (1927), 1967

Schissele

Analogy between two syrups containing a ferrous salt

J. pharm. Alsace Lorraine, 54 (1927), 99; through *Chem. Abstr.*, 21 (1927), 4021

Schmatolla, Otto

Methods for the rapid identification of ointments and a new reaction for iron

Süddeut. Apoth.-Ztg., No. 72 (1927); through *Pharm. Ztg.*, 72 (1927), 1491

Schmatolla, O.

Liquor Cresolis Compositus

Pharm. Zentralh., 68 (1927), 623

Steenhauer, A. J.

Decomposition of medicinal solution of sterilization

Pharm. Weekbl., 64 (1927), 1154

Van der Wielen, P.

Preparation and examination of mercurial ointment

Pharm. Weekbl., 64 (1927), 1169

von Spindler, O.

Adjuvants and solubility of pills

Norg. Apoth. Tidskr., No. 12 (1927); through *Apoth. Ztg.*, 42 (1927), 1265

Wratschko, F.

Preparation of water-miscible vaseline

Pharm. Presse, 32 (1927), 11, 229; through *Pharm. Zentralh.*, 68 (1927), 755

PHARMACOLOGY AND THERAPEUTICS.

Alles, Gordon A.

Comparative physiological action of phenylethanolamine

J. Pharmacol., 32 (1927), 121

Barger, George

Thyroid gland and thyroxine

Pharm. J., 119 (1927), 609

Beutner, R.

Electromotive action of drugs as the cause of their toxicity

J. Pharmacol., 32 (1927), 101, 115

Busquet, H.

Filicin as a substitute for male fern extract

Bull. gén. Théráp., 178 (1927), 91; through *Pharm. J.*, 119 (1927), 527

Calvert, E. G. B.

Synthalin in the treatment of diabetes

Lancet, 213 (1927), 649; through *Pharm. J.*, 119 (1927), 527

De Waele, A.

Injection of sulphur in the form of tetra-thionate and iodide of sodium

J. pharm. Belg., 9 (1927), 841

- Elias, H., and Violin, E.
Insulin in the treatment of vomiting
Wiener klin. Wochschr. (1927), 678; through
Pharm. J., 119 (1927), 621
Gaddum, J. H.
Weighing of standard pituitary powders
Pharm. J., 119 (1927), 580
Germuth, Frederick G.
Poisoning by soluble barbital
Am. J. Pharm., 99 (1927), 690
Gibson, R.
Liquid paraffin causes anal eczema
Brit. Med. J., 1 (1927), 876; through *Pharm. J.*, 119 (1927), 527
Johnston, W.
Mowrah seed as a worm-killer
Pharm. J., 119 (1927), 640
Wells, J. R.
Spinal anesthesia with anhydrous cocaine
Ann. Surgery, 85 (1927), 757
Perrin, M.
Anthelmintic action of stovarsol
Bull. gén. Théráp., 178 (1927), 75; through
Pharm. J., 119 (1927), 527

BOTANY AND PHARMACOGNOSY.

- Anon
Methods of manufacturing agar-agar in Japan
Com. Rep.; through *Nat. Druggist*, 57 (1927), 491
Chevalier, Aug.
Culture of the cinchona tree in Indo-China
Rev. botan. appl. agr. colon. 7 (1927), 132; through *Chem. Abstr.*, 21 (1927), 4014
Dale, H. E.
Analysis of jalap
Pharm. J., 119 (1927), 516
La Garde, Roland V. L.
Some investigations on hay-fever pollens
Am. J. Pharm., 99 (1927), 680
Liptak, P.
Assay of ergot of rye
Ber. reng. Pharm. Ges., 1926; through *Pharm. Weekbl.*, 64 (1927), 1026
Rosenthaler, L.
Congo Cubebs
Pharm. Acta Helv., 2 (1927), 29
Rosenthaler, L.
Hydrocyanic acid question. 21 hydrocyanic acid and alkaloidal plants
Pharm. Acta Helv., 2 (1927), 207
Schneider, W.
Critical and experimental examination of the evaluation of Peru balsam
Pharm. Acta Helv., 2 (1927), 211

- Sprumont, G.
Descriptive study of the stems and leaves of Picralima Klaineana (Peirre)
J. pharm. Belg., 9 (1927), 821

BACTERIOLOGY.

- Cooper, E. A., and Robinson, L. L.
Bactericidal action of cadmium compounds
J. Soc. Chem. Ind.; through *Austral. J. Pharm.*, 442 (1927), 816

ALKALOIDS AND GLUCOSIDES.

- Brindle, Harry
Determination of morphine when present in small quantities
Pharm. J., 119 (1927), 608
Frank, L.
Estimation of nicotine in tobacco
Chem.-Ztg., 51 (1927), 658; through *Chem. Abstr.*, 21 (1927), 4017
Hasenfrantz, V.
Extraction of harmine and harmaline from Peganum harmala
Anal. Chem., 7 (1927), 151; through *Pharm. J.*, 119 (1927), 590
Maranon, Joaquin
Bitter principle of tinospora rumphii Boerlage
Philippine J. Sci., 33 (1927), 357
Pevzner, G. A.
Conditions for the extraction of the active glucoside of Adonis vernalis
Trans. Sci. Chem.-Pharm. Inst., No. 3 (1923), 78; through *Chem. Abstr.*, 21 (1927), 4019
Spaeth, Ernst, and Halter, Heinz
Constitutions of corycavine and corycavamine
Ber. deutsch. chem. Ges. (1927), 1891; through *Pharm.-Ztg.*, 72 (1927), 1563
von Miko, Julius
Determination of the theobromine content of theobromine sodio-salicylate
Pharm. Acta Helv., 2 (1927), 51

VOLATILE OILS.

- Klingstedt, F. W., and Sundström, E.
Detection and estimation of thymol
J. prakt. Chem., 116 (1927), 307; through *Chem. Abstr.*, 21 (1927), 4018
Mavlankar, K. B.
Sandalwood oil and the British Pharmacopœia
Perf. & Ess. Oil Rec., 18 (1927), 347
Rutovskii, B. N., and Leonov, P. P.
Constituents of Russian fennel oil
Trans. Sci. Chem.-Pharm. Inst., No. 4 (1923), 16; through *Chem. Abstr.*, 21 (1927), 4020

WAXES.

- Jaubert, G.
Color of bees wax
Compt. rend., 184 (1927), 1134; through
Pharm. J., 119 (1927), 620

GENERAL AND PHYSICAL CHEMISTRY.

- Damerell, V. Richard
Micro method for the determination of surface tension and density
J. Am. Chem. Soc., 49 (1927), 2988

INORGANIC CHEMICALS.

- von Mikó, Stefan
Detection of iodine in alkali bromides
Pharm. Zentralh., 68 (1927), 763
Wöhlk, Alfred
Titrimetric determination of aluminum
Dansk Tids. Farm., 18 (1927), 525
Zanotti, Vittorio
Non-current impurity of sodium bromide
Boll. chim.-farm., (1927), 513; through *Apoth. Ztg.*, 42 (1927), 1265

ORGANIC CHEMICALS.

- Anon
Manufacture of salol
Pharm. Presse, 32 (1927), 293; through
Chem. Abstr., 21 (1927), 4017
Chenmitius, F.
Preparation of paraminobenzoic acid ethyl esters
Pharm. Zentralh., 68 (1927), 765

- De Myttenaere, F.
The DM and DM- indices and the Warsaw Congress
J. pharm. Belg., 9 (1927), 801
Harden, Wilton, C.
Salicylsulphonphthalein and its tetrabromo and monomercury derivatives
J. Am. Chem. Soc., 49 (1927), 3139
Jonesco-Matiu, A., and Bordeianu, C.
Determination of mercury salicylate and lactate by a mercurimetric method
Bul. Soc. Chim. România, 9 (1927), 11; through
J. Soc. Chem. Ind., 46 (1927), 891 B.
Migliacci, D., and Gargiulo, R.
Pharmaceutical incompatibility of phenol
Ann. chim. applicata, 17 (1927), 402; through
J. Soc. Chem. Ind., 46 (1927), 923 B.
Reber, K.
New reaction for the identification of β naphthol
Schweiz Apoth. Ztg., 65 (1927), 589
Roborgh, J. A.
Solubilities of some medicinal chemicals in glycerin
Pharm. Weekbl., 64 (1927), 1205
Sandqvist, Hakan, and Hök, Waldemar
The system bromural-phyamidone
Svensk Farm. Tid., 31 (1927), 377; through
Chem. Abstr., 21 (1927), 4020
Weisler, Karl
Stability of acetone toward light
Z. angew. Chem., 40 (1927), 1033; through
Pharm. Zentralh., 68 (1927), 767

CLINICAL TESTS.

- Germuth, Frederick G.
Occurrence of haematoporphyrin in urine following the administration of trional
Am. J. Pharm., 99 (1927), 685

THE QUALITY OF COMPRESSED TABLETS, PARTICULARLY AS TO SOLUBILITY AND EASE OF DISINTEGRATION.*

BY WILLIAM J. HUSA.**

In judging the quality of a batch of compressed tablets there are a number of points to consider, *i. e.*, uniformity of appearance, uniformity of weight, uniformity and accuracy in amount of drug, purity of materials, absence of crumbling, chipping and discoloration, and solubility or property of disintegrating when dropped into water.

* Presented before the Section on Practical Pharmacy and Dispensing, A. Ph. A., St. Louis meeting, 1927.

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