

BIBLIOGRAPHY OF PHARMACEUTICAL RESEARCH

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

Under the above heading, there will appear each month a list of references to the recently published articles on pharmaceutical research.

All articles recorded in these lists will be presented in abstract form in the bound volumes of the YEAR BOOK, which is issued annually. Those desiring abstracts immediately can obtain them for a fee of one dollar each by communicating with A. G. DuMez, Hygienic Laboratory, U. S. P. H. S., 25th & E Sts., Washington, D. C.

APPARATUS AND MANIPULATIONS.

- Lormand, Fayolle & Ch.
Apparatus for the extraction of liquids with liquids
Chim. & Ind., 8 (Aug. 1922), 275
- Lühder, G.
New alcoholometer
Z. Spirit. Ind., 55 (Jan. 1922), 9; through
Chim. & Ind., 8 (Aug. 1922), 375
- Roth, Eugen
A simple practical emulsifying machine
Pharm. Ztg., 67 (Sept. 1922), 803
- Tschudy, Edward A.
Effect of variation in weight of the riders and plumbets of the Westphal balance upon the accuracy of specific gravity determinations
J. Am. Chem. Soc., 44 (Oct. 1922), 2130
- Washburne, Crosby B.
Apparatus used in manufacturing in connection with the prescription department
J. AM. PHARM. ASSOC., 9 (Sept. 1922), 703

PHARMACOPOEIAS AND FORMULARIES.

- Anon
Questionnaire on suggestions for the revision of the Swiss Pharmacopoeia IV
Schweiz. Apoth.-Ztg., 60 (1922), 533
- Anon
Review of the "Pharmacopoeia of St. Thomas' Hospital, London"
Pharm. J., 109 (Sept. 1922), 275
- Anon
Permanent committee for the Pharmacopoeia of Finland
Farm. Revy, 21 (1922), 444
- Conci, G.
Criticism of the Italian Pharmacopoeia (4th edition)
Boll. chim.-farm., 61 (Aug. 15, 1922), 486
- Ehninger, G.
Comments on articles in the Pharmacopoeia Helvetica IV
Schweiz. Apoth.-Ztg., 60 (Sept. 21, 1922), 517

- Schamelhout, A.
Monographs for the Belgian National Formulary on sodium carbonate and sodium citrate
J. pharm. Belg., 4 (Sept. 10, 1922), 645
- Schamelhout, A.
Monographs for the Belgian National Formulary on oil of cade and sodium glycerophosphate
J. pharm. Belg., 4 (Sept. 17, 1922), 664
"Scholar, Abel"
- Notes on the British Pharmacopoeia**
Chem. & Drug., 97 (Sept. 1922), 336 and 396
- ## PHARMACEUTICAL PREPARATIONS.
- F. Bayer & Co.
Extraction of drugs with acetamide or formamide
J. Soc. Chem. Ind., 41 (Sept. 1922), 688A
- Collard, E.
The assay of tincture of iodine
Répert. pharm., 34 (Aug. 1922), 225
- Cosrouge, Ch.
A simple method for the determination of iron in white wines
Bull. soc. pharm. Bordeaux, 60, No. 5 (1922), 127
- Éwe, George E.
Improving the taste of benzoyl benzoate preparations
Am. Drug., 70 (Oct. 1922), 19
- Éwe, George E.
Methods of preparing non-alcoholic flavoring emulsions
Drug. Circ., 46 (Oct. 1922), 390
- François, M.
Determination of mercury in the pills official in the French Codex
Ann. Falsif., Sept.-Oct. 1921; through *Répert. pharm.*, 34 (Aug. 1922), 230
- François, Maurice and Luce, Emile
Assay of camphor preparations
J. pharm. chim., 25 (June 1922), 500; 26 (July), 11
- Knight, Wm. A.
Preparation of Compound Syrup of Ferric Phosphate
Chem. & Drug., 97 (Sept. 1922), 431

- Krocber, Ludwig
Results of studies on a series of fluidextracts of domestic plants
Pharm. Zentralh., 63 (Aug. 1922), 437 and 465
 Labat, A.
- Preparation and preservation of solutions of epinephrine, morphine, cocaine, stovaine, etc., by the addition of benzoic acid**
Bull. soc. pharm. Bordeaux, 60, No. 5 (1922), 104
- Lami, Pio
Fluidextracts at the 6th Chemico-Pharmaceutical Congress at Trieste
Boll. chim.-farm., 61 (Aug. 30, 1922), 513
 Lansberg, L. M.
- Determination of iodine in Pills of Ferrous Iodide**
Pharm. Weekbl., 59 (Sept. 1922), 995
 Lascoff, J. Leon
- Pharmaceutical formulas proposed for "Unofficial Formulas, A. Ph. A."**
 J. AM. PHARM. ASSOC., 9 (Aug. 1922), 624
 Lermoyez
- Ferripyryne gauze**
J. pharm. chim., 26 (Sept. 1922), 208
 Manseau, A.
- Preparation of cacao butter suppositories**
Bull. soc. pharm. Bordeaux, 60, No. 5 (1922), 117
- Pool, J. F. A.
Detection of methyl alcohol in alcoholic beverages
Pharm. Weekbl., 59 (Sept. 1922), 973
 Snow, Clyde M.
- Pharmaceutical preparations of aloes**
 J. AM. PHARM. ASSOC., 9 (Aug. 1922), 621
- PHARMACOLOGY AND THERAPEUTICS.**
 Anon
- Prophylactic ointment**
Pharm. Zentralh., 63 (Sept. 1922), 473
 Anon
- Poisonous properties of rhubarb leaves**
Darmstödler Ztg., June 9; through *Pharm. Ztg.*, 67 (Aug. 16, 1922), 680
 Bonjean, Ed.
- Action of saccharin in foods**
Rev. Hygiene, 44 (Jan. 1922), 50; through *Chim. & Ind.*, 8 (Aug. 1922), 339
- Brown, H. C.
Conessine in dysentery
Brit. Med. J., 1 (1922), 993; through *Chem. & Drug.*, 97 (Sept. 1922), 465
 Carnot and Tiffeneau
- Butylethyl-malonylurea, a new hypnotic**
Compt. rend., July 24, 1922; through *Répert. pharm.*, 34 (Sept. 1922), 273
- Couch, James F.
Toxic constituent of greasewood (*Sarcobatus vermiculatus*)
Am. J. Pharm., 94 (Oct. 1922), 631
 Fantus, Bernard
- Aloes as a medicine**
 J. AM. PHARM. ASSOC., 9 (Aug. 1922), 616
 Galavielle and Cristol, P.
- Active principle of *Scilla autumnalis* L.**
Bull. sci. pharmacol., 29 (1922), 29; through *J. pharm. chim.*, 26 (1922), 202
 Graybill, H. W.
- Ipecac in the treatment of blackhead in Turkey**
J. Pharm. & Exper. Therap., 20 (Sept. 1922), 115
- Grenet, Dronin and Richon
Trioxybismutho benzoate, a new remedy for syphilis
Répert. pharm., 34 (Aug. 1922), 246
 Heinekamp, W. J. R.
- Mechanism of the Straub biologic test for morphine**
J. Pharm. & Exper. Therap., 20 (Sept. 1922), 85
- Kamnitzer and Joseph
Maturine for diagnosis of pregnancy
Pharm. Ztg., (1922), 613; through *Pharm. J.*, 109 (Sept. 1922), 253
 Katzenelbogen, S.
- Experimental study of the action of arsylene, sodium propenylarsinate**
Arch. intern. Pharmacol. et Therap., 26 (1922), 407; through *J. pharm. Belg.*, 4 (Sept. 10, 1922), 641
- Kroeber, L.
The clinical evaluation of official varieties of rhubarb cultivated in Germany
Südd. Apoth.-Ztg., 62, 243, 1922; through *Chem. Zentr.*, 93 (Aug. 9, 1922), part 4, 469
 Lenzmann
- On intravenous oil therapy**
Therap. Gegenw., 63 (Aug. 1922), 281
 Lucke, Baldwin, et al.
- Influence of arspenamine and neoarspenamine on the epinephrine content of the adrenal glands**
J. Pharm. & Exper. Therap., 20 (Sept. 1922), 153
 Peters
- Solution for destroying head-lice**
Brit. Med. J., 1 (1922), 264; through *Chem. & Drug.*, 97 (Sept. 1922), 445
 Richaud, A.
- Comparison of the blood pressure-raising power of racemic and laevo-adrenaline**
J. pharm. chim., 26 (Aug. 1922), 81

Schneider, Albert

The effect of large doses of cannabis

J. AM. PHARM. ASSOC., 9 (Sept. 1922), 757

Swan, W. A. M.

Use of creosote in pneumonia

Brit. Med. J., 2 (1922), 83; through *Chem. & Drug.*, 97 (Sept. 1922), 465

Taschenberg, Ernst W.

Question of an antipyretic effect of dulcin

D. med. Wochschr., 1922, No. 21; through *Pharm. Ztg.*, 67 (Aug. 16, 1922), 681

Tomb

Calcium salts in tuberculosis

Brit. Med. J., 2 (1922), 283; through *Chem. & Drug.*, 97 (Sept. 1922), 283

Ullmann, K.

Arsenic effect, habituation and poisoning with special consideration of the various therapeutic methods of incorporation

Wien. klin. Wochschr., 35, 455, 479, 502; through *Chem. Zentralbl.*, 93 (Aug. 9, 1922), part 3, 527

Voegtlin, Carl, and Thompson, J. W.

Quantitative studies in chemotherapy. VI.

Rate of excretion of arsenicals, a factor governing toxicity and parasitocidal action

J. Pharm. & Exper. Therap., 20 (Sept. 1922), 85

Voegtlin, Carl, *et al.*

Quantitative studies in chemotherapy. VII.

Effect of ligation of the ureters or bile duct upon the toxicity and trypanocidal action of arsenicals

J. Pharm. & Exper. Therap., 20 (Sept. 1922), 129

Von Audel, M. A.

Adeps Hominis: a relic of pre-historic therapy

Pharm. J., 109 (Sept. 1922), 228

von Noorden, W.

Adonigen, a new heart remedy

Münch. med. Wochschr., 69, 745; through *Chem. Zentralbl.*, 93 (Aug. 9, 1922), part 3, 533

Waucomont, R.

Use of soaps in dermatology

Liège Medical, No. 34, Aug. 20, 1922; through *J. pharm. Belg.*, 4 (Sept. 17, 1922), 653

Wieland, H., and Alles, R.

Poisonous substance of toads

Ber. deutsch. chem. Gesellsch., 55 (1922), 1789; through *Pharm. J.*, 109 (Sept. 1922), 234

GENERAL BOTANY AND
BACTERIOLOGY.

Anon

Pepper growing in Sarawak

Pharm. J., 109 (Sept. 1922), 233

Anon

Medicinal plants of Czechoslovakia

Chem. & Drug., 97 (Sept. 1922), 345

Bormans, Alfonso

Sterilization in pharmacy

Giorn. farm. chim., 71 (July-Aug., 1922), 143

Buchanan, Margaret E.

Botanical features of Western Canada

Pharm. J., 109 (Sept. 1922), 230

Day, William B.

The botany of aloes

J. AM. PHARM. ASSOC., 9 (Aug. 1922), 620

Falck, R.

Growth of ergot in rye fields

Pharm. Ztg., 67 (Sept. 1922), 777, 786 and 801

Girard, R.

Isolation of a micrococcus from artesian well water

Bull. soc pharm. Bordeaux, 60, No. 5 (1922), 99
Lesier, et al.

Simple procedure for staining tubercle bacilli

Pharm. Monatsh., 3 (1922), 86; through *Pharm. Zentralh.*, 63 (Aug. 1922), 446

Macht, David I., and Livingston, Marguerite B.

Effect of cocaine on the growth of *Lupinus albus*

J. Gen. Physiol., 4, 573, 1922; through *J. Chem. Soc. (London)*, 122 (Aug. 1922), part 1, 798

Schmatolla, O.

Standardization of disinfectants

Pharm. Ztg., 67 (Sept. 2, 1922), 739

VEGETABLE AND ANIMAL DRUGS.

Alessandri, Luigi

***Atropa Belladonna* and *Digitalis purpurea* cultivated in the province of Florenz**

Arch. farm. sper., 31, 143, 145, 1921; through *Chem. Zentralbl.*, 93 (Aug. 23, 1922), part 4, 569

Annette, H. E., and Singh, Har Dayal

Loss in morphine content of powdered opium on storage

Pharm. J., 109 (Sept. 1922), 305

Ceruti, I.

Spermaceti

Boll. chim. farm., 61 (Aug. 30, 1922), 517

Dott, D. B.

Assay of opium and its preparations in Pharm.

Jap. IV

Pharm. J., 109 (Sept. 1922), 231

Edman, G.

Ash pictures (Vegetable drugs)

Svensk Farm. Tidskr., 26 (Sept. 1922), 421

Jarno, L.

Practical method for the evaluation of pepsin

Arch. Verdauungskrankheiten, 29, Nos. 3 and 4; through *Pharm. Zentralh.*, 63 (Aug. 1922), 416

Lecocq, Raoul

Diastatic action of malt flour and other malt preparations (liquid, solid and dry extracts)
Schweiz. Apoth.-Ztg., 60 (Sept. 14, 1922), 505

Tanret, G.

Ergot of "diss" and ergot of oats

Compt. rend., 184 (1922), 827; through *J. pharm. chim.*, 26 (Aug. 1922), 116

ALKALOIDS AND GLUCOSIDES.

Bliss, A. R. (Jr.)

Report of alkaloids

J. Assoc. Off. Agr. Chem., 5, 564, 1922; through *J. Soc. Chem. Ind.*, 41 (Sept. 15, 1922), 683A

Brandstetter, H.

Demonstration of cocaine in Erythroxyton coca by microchemical methods

Pharm. Monatsh., 1922, 93; through *Pharm. Weekbl.*, 59 (Sept. 1922), 998

Bridel, Marc and Braecke, Marie

Presence of sucrose and of aucubin in *Melampyrum arvense*

J. pharm. chim., 26 (Aug. 1922), 129

Danckwortt, P. W.

Alkaloids of *Dicentra spectabilis*

Arch. Pharm., 260 (Sept. 1922), 94

François, M., and Blanc, L. G.

Method for the preparation of alkaloidal bis-muthic iodides in a crystalline form

Compt. rend., 175, 273, 1922; through *J. Soc. Chem. Ind.*, 41 (Sept. 15, 1922), 684A

Gadamer, J., and v. Bruchhausen, F.

Contributions to our knowledge of corycavine and protopine

Arch. Pharm., 260 (Sept. 1922), 97

Ganassini, Domenico

Incompatibility of the salts of quinine with aspirin and with resorcin

Boll. chim. farm., 61 (Aug. 15, 1922), 481

Goris and Costy

Nature of the alkaloids contained in extract of belladonna

Bull. sci. pharmacol.; through *Giorn. farm. chim.*, 71 (July-Aug., 1922), 151

Hardy, Paul

Relation between Vitali's reaction and the alkaloids giving it

J. pharm. chim., 26 (Sept. 1922), 176

Koffler, L.

Differentiation and estimation of saponins

Ztschr. Unters. Nahr.-Genussm., 43, 278, 1922; through *J. Chem. Soc. (London)* (Aug. 1922), part 2, 595

Lestage, J. A.

Modification of the Bornträger reaction for the detection of oxymethylantraquinone compounds in aloe—and rhubarb-containing preparations

Bull. soc. pharm. Bordeaux, 60, No. 5 (1922), 110
Macbeth, Alexander K., and Robinson, Robert
Cevadine

J. Chem. Soc. (London), 121 (Aug. 1922), 1571
Macbeth, Alexander K., and Prydc, John
Studies on Glucosides. Part I. The constitution of Indican

J. Chem. Soc. (London), 121 (Aug. 1922), 1660
Martin, Felix

Codeine and Codeine Hydrobromide

J. pharm. chim., 26 (Sept. 1922), 176

Schamelhout, A.

Monograph for crystalline quassin

J. pharm. Belg., 4 (Sept. 1922), 686

Späth, E., and Röder, H.

Anhalonium alkaloids. IV. Synthesis of anhalamine

Monatsh. Chem., 43, 93, 1922; through *J. Soc. Chem. Ind.*, 41 (Sept. 15, 1922), 683A

OILS, FATS AND WAXES.

Emery, James A., and Henley, R. R.

Studies on rancidity. I. Influence of air, light and metals on the development of rancidity

J. Ind. Eng. Chem., 14 (Oct. 1922), 937

Francis, Francis, *et al.*

Composition of paraffin wax. Part II

J. Chem. Soc. (London), 121 (Aug. 1922), 1529
Heiduschka, A., and Felsler, S.

Chemical constitution of arachis oil

Ztschr. Unters. Nahr.-Genussm., 43, 381, 1922; through *J. Soc. Chem. Ind.*, 41 (Sept. 15, 1922), 674A

Mastbaum, H.

Extraction of olive oil from olives

Chem.-Ztg., 46, 669, 1922; through *J. Soc. Chem. Ind.*, 4 (Sept. 15, 1922), 674A

Prax, Jean

Olive oils and the Villavecchia reaction

Ann. Falsif., 15, 159, 1922; through *J. Chem. Soc. (London)*, 122 (Aug. 1922), part 2, 595

Prescher, Johannes

Criteria for the evaluation of linseed oil

Pharm. Zentralh., 63 (Sept. 1922), 477

ESSENTIAL OILS.

Angelescu, E.

Essential oils of *Origanum vulgare* from various parts of Italy

Gaz. chim. ital., 52, 157, 1922; through *Chem. Zentralbl.*, 93 (Aug. 2, 1922), part 3, p. 437

Anon

Reports on the examination of vanillin and oils of lemon, eucalyptus, lavender, fennel, peppermint, mustard, and turpentine

"Report of Schimmel & Co." in Miltitz; through *Pharm. Ztg.*, 67 (July 26, 1922), 611

Anon

Reports on the examination of oils of cajuput and chenopodium

"Report of Schimmel & Co." in Miltitz; through *Pharm. Ztg.*, 67 (July 22, 1922), 600

Defillon

Oils of *Artemisia vulgaris* and *A. verlotorum*

La Parfum. Mod.; through *Chem. & Drug.*, 97 (Sept. 1922), 466

DeJong, A. W. K., and Reclaire, A.

Some notes on the determination of the so-called total geraniol content of citronella oil
Perf. Ess. Oil Rec., 13 (Sept. 19, 1922), 319

Eaton, E. O.

Differentiation of Japanese and American peppermint oils

J. Assoc. Off. Agr. Chem., 5, 597, 1922; through *J. Soc. Chem. Ind.*, 41 (Sept. 15, 1922), 685A

Gattefossé, Jean

New essential oils from Tonkin and Annam

La Parfumerie Moderne, 15, 89, 107; through *Chem. Zentralbl.*, 93 (Aug. 9, 1922), part 3, 502

Leone, P., and Angelescu

Characteristics of oil of *Thymus vulgaris* of Italian origin

Gaz. chim. ital., v. 51; through *J. pharm. Belg.*, 4 (Sept. 10, 1922), 639

Massera, V.

The essential oil of *Cinnamomum glanduliferum*

Riv. ital. delle essenze e profumi, 4, 41; through *Chem. Zentralbl.*, 93 (Aug. 9, 1922), part 3, p. 502

Masey

Preparation, characters and uses of oil of *Cedrus atlantica*

Chim. & Ind., 8 (Aug. 1922), 464

Masey, R.

Preparation of oil of cade and its specific gravity
Bull. soc. pharm. Bordeaux, 60, No. 5 (1922), 106

Rojdestwensky, A.

Research on the preparation and properties of Dutch East Indies sandalwood oil

Perf. Ess. Oil Rec., 13 (Sept. 19, 1922), 331

Veves, M., and Dupont, G.

Composition and industrial applications of oil of turpentine

Chim. & Ind., 8 (Aug. 1922), 318

MISCELLANEOUS PLANT CONSTITUENTS.

Peacock, Josiah C., and Bertha L. DeG.

The astringent principle of maté

J. AM. PHARM. ASSOC., 9 (Aug. 1922), 609

Rosenthaler, L., et al.

Hydrocyanic acid in plants—thirteenth contribution

Schweiz. Apoth.-Ztg., 60 (Sept. 21, 1922), 522

Sherrard, E. C.

Ethyl alcohol from western larch—*Larix occidentalis*, Nuttall

J. Ind. Eng. Chem., 14 (Oct. 1922), 948

GENERAL AND PHYSICAL CHEMISTRY.

C. B.

Detection of iodates in iodides

Schweiz. Apoth.-Ztg., 60 (1922), 532

Eppley, Marion, and Vosburgh, Warren C.

Electrometric titration of dichromate with ferrous sulphate

J. Am. Chem. Soc., 44 (Oct. 1922), 2148

Guyot, Rene

Some pharmaceutical incompatibilities

Bull. soc. pharm. Bordeaux, 60, No. 5 (1922), 126

Hrynakowski, K.

The mechanism of crystal formation

Roczniki Farmacji, No. 3 (1922), 135; through *J. pharm. Belg.*, 4 (Sept. 3, 1922), 622

Kolthoff, I. M.

Potassium ferrocyanide in potentiometric titrations. II. The potentiometric titration of zinc.

Rec. trav. chim., 41, 425, 1922; through; *J. Chem. Soc. (London)*, 1922 (Aug. 1922), part 2, 580

Kolthoff, I. M.

Electrometric titrations with silver nitrate.

Estimation of chlorides, bromides and iodides, and of iodides in the presence of chlorides and bromides

Ztschr. anal. Chem., 61, 229, 1922; through *J. Chem. Soc. (London)*, 122 (Aug. 1922), part 2, 581

Krantz, John C.

The use of silica gel as a filtering agent in pharmacy

J. AM. PHARM. ASSOC., 9 (Sept. 1922), 701

Kraus, Charles A., and Bishop, J. Egbert

Conductance of sodium iodide in amyl alcohol at very low concentrations

J. Am. Chem. Soc., 44 (Oct. 1922), 2206

McGill, William J.

Use of the newer indicators in titrations of alkaloids

J. Am. Chem. Soc., 44 (Oct. 1922), 2156

Mellon, M. G.

Determination of lead in lead amalgam

J. Am. Chem. Soc., 44 (Oct. 1922), 2167

Nikolai, Ferdinand

Iodometric estimation of arsenic and antimony sulphides

Ztschr. anal. Chem., 61, 257, 1922; through *J. Chem. Soc. (London)*, 122 (Aug. 1922), part 2, 585

Philibert, André, and Mathieu, Georges

New procedure for the qualitative analysis of water

Compt. rend. soc. biol., 86 (1922), 1004; through *J. pharm. chim.*, 26 (Sept. 1922), 199

Scoville, Wilbur L.

Incompatibility due to improper hydrogen-ion concentration

Bull. Pharm., 36 (Oct. 1922), 418

Stewart, Lachlan M., and Wardlaw, William

Oxidizing and reducing properties of sulphur dioxide. Part I. Mercury chlorides

J. Chem. Soc. (London), 121 (Aug. 1922), 1481

Vosburgh, Warren C.

Potassium dichromate as a standard in iodimetry and the determination of chromates by the iodide method

J. Am. Chem. Soc., 44 (Oct. 1922), 2120

INORGANIC CHEMICALS.

Bächler, L.

Composition of crystallized Carlsbad salts

Schweiz. Apoth.-Ztg., 60 (Sept. 1922), 529

Balarew, J.

Detection of pyrophosphoric acid

Ztschr. anal. Chem., 2 (1921), 385; through *Pharm. J.*, 109 (Sept. 1922), 234

Bougault, J., and Gros, R.

Presence of acetone in commercial ammonia

J. pharm. chim., 26 (Sept. 1922), 170

Delaplace, R.

Solubility of sulphur in organic liquids

J. pharm. chim., 26 (Aug. 1922), 139

Fetkinheuer, B.

Detection of fluorine

J. Soc. Chem. Ind., 66 (Sept. 1922), 690A

Grossmann, Julius

Adulteration of potassium iodide with potassium bromide

Pharm. Ztg., 67 (Aug. 19, 1922), 689

Hirsch, M.

Detection of traces of osmium

Ztschr. angew. Chem. (1922), 390; through *Pharm. J.*, 109 (Sept. 1922), 234

Lachartre, M.

Detection of iodates in potassium iodide by the method of the 1908 Codex

J. pharm. chim., 26 (Aug. 1922), 134

Lynch, G. R.

Zinc as a reagent in the estimation of arsenic

Lancet, 2 (1922), 629; through *Chem. & Drug.*, 97 (Sept. 1922), 460

Losana, Luigi

Rapid estimation of sulphur

Giorn. chim. ind. appl., 4, 204, 1922; through *J. Chem. Soc. (London)*, 122 (Aug. 1922), part 2, 582

Manseau, A.

Anisated balsam of sulphur and the detection of sulphur by means of anethol

Bull. soc. pharm. Bordeaux, 60, No. 5 (1922), 115

Moerk, Frank X., and Hughes, Edward J.

Methyl-red in the assay of phosphoric acid and sodium phosphate

Am. J. Pharm., 94 (Oct. 1922), 650

Moerk, Frank X.

Volumetric determination of phosphoric acid and sodium phosphate and pyrophosphates

Am. J. Pharm., 94 (Oct. 1922), 641

Piutti, Arnaldo, and Boggio-Lera, Enrico

Microchemical investigation of arsenic

Mem. Accad. Lincei, 13, 475, 1922; through *J. Chem. Soc. (London)*, 122 (Aug. 1922), part 4, 584

Smith, N. K.

Detection and estimation of fluorides

Bull. Bur. Biotech., No. 6 (Aug. 1922), 176; through *Pharm. J.*, 109 (Sept. 1922), 267

Willard, H. H., and Smith, G. Frederick

Preparation and properties of magnesium perchlorate and its use as a drying agent

J. Am. Chem. Soc., 44 (Oct. 1922), 2255

Winberg, Eric

Assay of Solution of Ferric Chloride

Svensk Farm. Tidskr., 26 (Aug. 1922), 357

ORGANIC CHEMICALS.

Blair, F. W., and Wheeler, T. Sherlock

Oxidation of hydrocarbons with special reference to the production of formaldehyde

J. Soc. Chem. Ind., 41 (Sept. 15, 1922), 303T

Bouyer, J.

Mercuric nitrate as a reagent for a number of organic compounds. A study of the sensibility of the reagent

Bull. soc. pharm. Bordeaux, 60, No. 5 (1922), 122

Christiansen, Walter G.

Sulphur content of arsphenamine and its relation to the mode of synthesis and toxicity.

III

J. Am. Chem. Soc., 44 (Oct. 1922), 2334

- del Rosario, Mariano V., and Valenzuela, Patrocínio
Acetylsalicylic acid of commerce
Philippine J. Science, 20, 15, 1922; through *Chem. Zentralbl.*, 93 (Aug. 16, 1922), part 4, 519
- Deniges and Tourrou
Microscopic reactions of dulcin
C. R. dell'acad. de France; through *Giorn. farm. chim.*, 71 (July-Aug. 1922), 153
- Evans, William Lloyd, and Sefton, Lily Bell
Oxidation of isopropyl alcohol with potassium permanganate
J. Am. Chem. Soc., 44 (Oct. 1922), 2271
- Evans, William Lloyd, and Sefton, Lily Bell
Oxidation of acetone with potassium permanganate
J. Am. Chem. Soc., 44 (Oct. 1922), 2276
- Fleury, Paul, and Poirot, Gabriel
New colorimetric method for small quantities of furfural
J. pharm. chim., 26 (Aug. 1922), 87
- Herzog, J.
Assay of albumose silver preparations
Pharm. Zig., 67 (Sept. 1922), 802
- Lemkes, H. J., and Lansberg, I. M.
Investigation of the method of Causse-Bonnan for the estimation of glucose
Pharm. Weekbl., 59 (Sept. 1922), 936
- Maue, G.
Assay of albumose silver preparations
Pharm. Zig., 67 (Sept. 1922), 751
- Nelson, O. A., and Senseman, C. E.
Quantitative determination of anthraquinone
J. Ind. Eng. Chem., 14 (Oct. 1922), 956
- Piantanida, Erminio
Evaluation of commercial calcium carbide
Giorn. farm. chim., 71 (July-Aug. 1922), 141
- Rothlin, H.
Determination of free salicylic acid in acetylsalicylic acid
Svensk Farm. Tidskr., 26 (Sept. 20, 1922), 405
- Sborowsky, M. and I.
New accelerator for the destruction of organic matter in the Kjeldahl method
Ann. chim. anal. chim. appl., 4 (1922), 266
- Skutil, Frantisek
Kleeman modification of the Kjeldahl process
Chem. List, 16, 173, 1922; through *J. Chem. Soc. (London)*, 122 (Aug. 1922), part 2, 582
- Ter Meulen, H.
Determination of oxygen in organic compounds
Rec. trav. chim., 41 (Aug. 1922), 509
- CLINICAL AND DIAGNOSTIC METHODS.**
- Boob, Edouard
Technique for the practical examination of the spinal fluid of syphilitic
Bull. soc. pharm. Bordeaux, 60, No. 5 (1922), 111
- Fortwaengler
Pyramidon test for blood
Brit. Med. J. Epit., 1 (1922), 92; through *Chem. & Drug.*, 97 (Sept. 1922), 460
- Goiffon, R., and Nepveux, F.
Titration of organic acids in urine
Compt. rend. soc. biol., 86 (1922), 1132; through *J. pharm. chim.*, 26 (Sept. 1922), 201
- Guyot, Rene
Some reactions for bile pigments
Bull. soc. pharm. Bordeaux, 60, No. 5 (1922), 124
- Holborow
The formalin test for syphilis
Lancet, 2 (1922), 274; through *Chem. & Drug.*, 97 (Sept. 1922), 459
- Janet, M.
Hypobromite determination of urea in urine
J. pharm. chim., 26 (Sept. 1922), 161
- Warner, E. A.
Inhibitory effect of urine on precipitation of urea by nitric acid
Chem. News (Aug. 1922), 99; through *Pharm. J.*, 109 (Sept. 1922), 234

CHRISTMAS SEAL SALE FUNDS.

One billion Christmas seals have been ordered for this year's sale. Eight elements toward which seal sale funds have been and are applied, are: (1) for increasing the number of hospitals and sanatoriums for the treatment of tuberculosis from 100 (sixteen years ago) to nearly 700 with approximately 60,000 beds; (2) for establishing over 550 clinics and dispensaries; (3) in securing at least 3500 special

tuberculosis nurses who instruct in the home, mothers and their families; (4) toward research work; (5) for statistical study; (6) for publicity in distributing during the past sixteen years approximately 1,000,000 pieces of printed matter; (7) for the Modern Health Crusade which has enrolled nearly 8,000,000 school children; (8) toward securing over 3000 open-air schools, summer camps and preventoria.