

AUTHOR INDEX

INDUSTRIAL AND ENGINEERING CHEMISTRY

ANALYTICAL EDITION

VOLUME 7—1935

ACREE, FRED, JR. <i>See</i> Haller, H. L.	
ADAMS, JANE, HALL, MARTHA, AND BAILEY, W. F. Zinc Cobaltinitrite for Detection of Potassium.....	310
ADAMS, M. H. <i>See</i> Taylor, T. C.	
ALLEN, H. O. <i>See</i> Hurd, L. C.	
ALLEN, W. M. <i>See</i> Strain, W. H.	
AMBLER, J. A., AND BYALL, S. Impurities in White Sugars. VIII. Effects of Impurities on Decomposition of Sucrose during Barley Candy Test.....	168
ANDERSON, H. L. <i>See</i> Whitnash, C. H.	
ANDING, C. E., JR. <i>See</i> Malisoff, W. M.	
AOE, ITIRO. <i>See</i> Minatoya, Syukusaburō.	
AUSTIN, G. T. Simple Laboratory Stirrer for Use on Vacuum Line..	206
BACHMAN, G. B. Manometric Manostat.....	201
BAILEY, M. I. Refractometric Estimation of Total Solids Content of Whole Eggs and of Yolks.....	385
BAILEY, W. F. <i>See</i> Adams, Jane.	
BALDESCHWIELER, E. L., TROELLER, W. J., AND MORGAN, M. D. Kauri Butanol Test for Solvent Power.....	374
BAMBACH, KARL, AND RIDER, T. H. Volumetric Determinations of Halides. Use of Dichlorofluorescein as Adsorption Indicator.....	165
BARREHENN, H. E. <i>See</i> Hardman, A. F.	
BARBOUR, J. H. <i>See</i> Ritter, G. J.	
BARNES, C. R. <i>See</i> Parks, L. R.	
BARNETT, R. S. Detection and Volumetric Estimation of Alkali Metals.....	183
BARTHOLOMEW, E. T., AND RABY, E. C. Photronic Photoelectric Turbidimeter for Determining Hydrocyanic Acid in Solutions.....	68
BARTON, L. E. <i>See</i> Parks, G. S.	
BEESON, K. C. <i>See</i> Ross, W. H.	
BENEDETTI-PICHLER, A. A. General Microchemistry.....	207
BIFFEN, F. M., AND SNELL, F. D. Analytical Properties of Commercial Sulfated Alcohols. Modified Methods of Analysis of Commercial Oil Emulsions and Suspensions.....	234
BIRMINGHAM, J. F., JR. Making Clean Liquid Sodium-Potassium Alloy.....	316
BOOTH, H. S. <i>See</i> Emery, F. H.	
BOST, R. W., AND NICHOLSON, FRANK. Color Test for Identification of Mono-, Di-, and Trinitro Compounds.....	53
BRENNER, BERT. Recent Developments in Platinum Thermocouples.	190
BROWNE, A. W. <i>See</i> Houpt, A. G.	
BROWNING, F. M., AND ELGIN, J. C. Surface Tension between Aqueous and Isopropyl Ether Solutions of Acetic Acid.....	438
BRUN, J. H. Reflux Regulator for Laboratory Stills.....	399
BULLOCK, BURLINGAME, AND KIRK, P. L. Volumetric Microdetermination of Chloride and Potassium Ions.....	359
BYALL, S. <i>See</i> Ambler, J. A.	
BYERS, H. G. <i>See</i> Dudley, H. C., and Williams, K. T.	
CALDWELL, J. R. Hot-Water Funnel.....	76
AND MOYER, H. V. Determination of Chloride. Modification of Volhard Method.....	
CEBOOLSKY, N. G. <i>See</i> Weber, Ione.	
CHERASKOVA, E., AND VEISBRUTE, L. Determination of Total and Free Selenium in Vulcanizates.....	407
CHIPMAN, JOHN, AND FONTANA, M. G. Determination of Oxygen and Nitrogen in Steel. Improvements in Vacuum-Fusion Method.	
CHOLAK, JACOB. Quantitative Spectrographic Determination of Lead in Biological Material.....	
CHRISTENSEN, B. E. <i>See</i> Walker, I. F.	
CHRISTENSEN, L. M., AND FULMER, E. I. Analysis of <i>n</i> -Butanol, Acetone, and Ethanol in Aqueous Solution.....	
CLARKE, B. L., AND HERMANC, H. W. Role of Analytical Chemistry in Industrial Research. II. Microanalysis.....	
WOOTEN, L. A., AND POTTER, C. H. Rapid Method for Determination of Sulfur in Ferromagnetic Alloys.....	180
COLLINS, J. F., JR. <i>See</i> Kemp, L. C., Jr.	
CONNELL, AUGUSTUS. Detection of Adulteration in Maple Sirup.....	218
CONN, L. W., JOHNSON, A. H., TREBLER, H. A., AND KARPENKO, V. Determination of Minute Amounts of Copper in Milk.....	242
COOK, S. G. Determination of Diphenylamine in Smokeless Powders.	426
COOPER, S. R. <i>See</i> Nichols, M. L.	
CRUMPLER, T. B. <i>See</i> Yoe, J. H.	
CRYDER, D. S. <i>See</i> Porter, D. J.	
CURTIS, H. A. <i>See</i> Lum, J. H.	
CURTMAN, L. J., AND EDMONDS, S. M. Separation and Detection of Cyanide.....	121
DAMON, G. H. Fluorescence of Gaseous Acetone as Test for Traces of Oxygen.....	133
DAVENPORT, J. E. <i>See</i> Evans, R. N.	
DAVIS, R. O. E. <i>See</i> Scholl, Walter, and Yee, J. Y.	
DEAN, L. A., AND TRUOG, E. Determination of Manganese and Magnesium in Soils and Silicate Rocks.....	383
DEBEER, E. J. Wash Bottle for Quantitative Work.....	67
AND HIJORT, A. M. Employment of Potassium Ferrocyanide in Standardization of Dilute Potassium Permanganate.....	120
DRoz, M. E. <i>See</i> Garman, R. L.	
DUDLEY, H. C., AND BYERS, H. G. Determination of Selenium. Quantitative Determination on Animal Matter and Clinical Test in Urine.....	3
DUFFENDACK, O. S., WILEY, F. H., AND OWENS, J. S. Quantitative Analysis of Solutions by Spectrographic Means.....	410
EDMONDS, S. M. <i>See</i> Curtman, L. J.	
EDWARDS, J. D., AND WRAY, R. I. Accelerated Tests of Paint Finishes on Aluminum.....	5
ELGIN, J. C. <i>See</i> Browning, F. M.	
EMERY, F. H., WITH BOOTH, H. S. Application of Spectrograph to Determination of Carbon in Steel.....	419
EMERY, W. O., AND FULLER, H. C. Detection and Estimation of Orthophenylphenol.....	248
EVANS, J. W. <i>See</i> Fetzer, W. R.	
EVANS, R. N., AND DAVENPORT, J. E. Analysis of Combustibles in Flue Gas.....	174
FENWICK, F. <i>See</i> Shenk, W. E.	
FETZER, W. R., AND EVANS, J. W. Baumé-Purity-Moisture Tables for Corn Sirup. (Correction, 126).....	41
FICKLEN, J. B. <i>See</i> Newell, I. L.	
FISCHER, WM. VON. <i>See</i> Sarver, L. A.	
FITZSIMONS, OGDEN. Rapid Precision Viscometer.....	345
AND THIELE, E. W. Molecular Weight of Cracked Distillates.....	11
FLETCHER, H. H. <i>See</i> Taylor, T. C.	
FONTANA, M. G. <i>See</i> Chipman, John.	
FORD, O. W. <i>See</i> Horst, L. E.	
FORSKE, W. T., JR., THOMPSON, P. J., AND POLLARD, C. B. Automatic Pipet for Rapid Delivery.....	156
See also Pollard, C. B.	
FRAAS, FOSTER, AND PARTRIDGE, E. P. Determination of Water and Hydrogen Sulfide in Gas Mixtures.....	198
FRITZ, J. C. Determination of Uric Acid in Mixed Excrement of Birds.....	123
FULLER, H. C. <i>See</i> Emery, W. O.	
FULMER, E. I. <i>See</i> Christensen, L. M.	
FURNSTAL, A. H. Simple Rotating Ball Mill.....	342
GARBACZÓWNA, I. <i>See</i> Wiertelak, J.	
GARDNER, ROBERT. Convenient Absorption and Titration Flask for Carbon Dioxide Determination.....	437
GARMAN, R. L., AND DROZ, M. E. Line-Operated Vacuum-Tube Voltmeter.....	341
AND KINNEY, G. F. Electronic Bridge Balance Indicator for Conductance Measurements.....	319
GERKE, R. H. <i>See</i> Rainier, E. T.	
GERRITZ, H. W. Digesting Biological Materials for Calcium and Phosphorus Analysis.....	167
Rapid Method of Preparing Biological Materials for Phosphorus Determination.....	116
AND ST. JOHN, J. L. Determination of Protein Nitrogen. Accelerating Kjeldahl-Gunning-Arnold Digestion by Addition of Phosphates.....	380
GETZ, C. A. <i>See</i> Giesecking, J. E.	
GIEGGER, MARVIN. <i>See</i> Sheets, Olive.	
GISEKING, J. E., SNIDER, H. J., AND GETZ, C. A. Destruction of Organic Matter in Plant Material by Use of Nitric and Perchloric Acids.....	185
GORDON, MOSES. Short Method for Calculating Delta D in Crystal Growth Process.....	386
GORE, H. C., AND STEELE, H. K. Estimation of Saccharifying Power of Malt Diastase. Adaptation of Hagedorn and Jensen Method.	324
GREGORY, J. B. <i>See</i> Wetlaufer, L. A.	
GUY, T. W. <i>See</i> Kassel, L. S.	
HALE, A. H., AND TUENMLER, F. D. Automatic Still Cut-Off.....	441
HALL, MARTHA. <i>See</i> Adams, Jane.	
HALLER, H. L., AND ACREE, FRED, JR. Constituents of Pyrethrum Flowers. Determination of Pyrethrin II (Correction, 422).....	343
HARDER, E. H. <i>See</i> Wiley, R. M.	
HARDMAN, A. F., AND BARREHENN, H. E. Determination of Free Sulfur in Rubber.....	103
HARRIS, DARWIN. Emergency Stopper for Nitric Acid Bottles.....	162
HART, RALPH. Determination of Active Ingredients and Total Fatty Matter in Sulfonated and Sulfated Oils.....	137
HARTE, R. A. Semi-Micro-Kjeldahl Determination of Nitro and Azo Nitrogen.....	432
HASS, H. B., AND WEBER, PAUL. Analysis of Mixtures of Monochlorides of <i>n</i> -Pentane and Isopentane.....	231
HAYENHILL, R. S., AND MACBRIDE, W. B. New Laboratory Machine for Evaluating Breakdown Characteristics of Rubber Compounds.....	60
HAZEL, W. M. <i>See</i> Lamar, M. O.	
HEIM, OSCAR. Simple and Sensitive Test for <i>p</i> -Phenylenediamine. Thiocyanates.....	146
HEISING, G. B., AND L. K. Identification of Halides in Presence of Thiocyanates.....	249
HEMINGWAY, ALLAN. Direct-Reading pH Meter for Glass, Quinhydrone, and Hydrogen Electrodes.....	203
HENNE, A. L. <i>See</i> Scott, E. W.	
HERMANC, H. W. <i>See</i> Clarke, B. L.	
HERTZOG, E. S. Determination of Arsenic in Coal.....	163
HERZOG, M. L. Device for Holding Electrodes during Electrometric Titrations.....	47
HJORT, A. M. <i>See</i> DeBEER, E. J.	
HO, K., WAN, C. S., AND WEN, S. H. Iodine Value of Tung Oil.....	96
HOLMES, F. E. Apparatus for Extraction of Solids by Upward Flow of Solvent.....	75
HOLZMAN, E., AND SUKNAROWSKI, STEFAN. Analysis of Acid Sludge from Mineral Oil Treatment.....	378

HORAT, L. E., AND FORD, O. W. Improved Gas Burner Top for Ignition in Determination of Potash in Fertilizers.....	119	MIGRAY, EMÖD V. Determination of Water.....	348
HOUGH, G. J. Colorimetric Determination of Manganese in Presence of Titanium.....	408	MILAS, N. A. <i>See</i> Walsh, W. L.	
HOUPT, A. G., SHERK, K. W., AND BROWNE, A. W. Oxidation of Hydrazine. IX. Mono- and Di-delectrolysis of Hydrazine by Permanganate in Hydrochloric Acid Solution.....	54	MILLER, E. J. <i>See</i> Winter, O. B.	
HULTQUIST, M. E., AND POE, C. F. Optical Crystallographic Study of Derivatives of Barbital and Luminal.....	398	MILLER, G. E. <i>See</i> Johnston, W. R.	
HURD, L. C., AND ALLEN, H. O. Colorimetric Determination of Molybdenum.....	396	MINATOYA, SYUKUSABURŌ, AOE, ITHŌ, AND NAGAI, IDUMI. Determination of True Free Sulfur in Vulcanized Rubber. Modification of Thiocyanate Method.....	414
IIDE, W. S. Carbon Dioxide from Dry Ice.....	442	MOBLEY, R. L. Efficient Vacuum Pump Check Valve.....	222
JACOBS, G. W. Apparatus for Control of Pressure in Distillation.....	70	MORGAN, M. D. <i>See</i> Baldeschwiler, E. L.	
JOHNSON, A. H. <i>See</i> Conn, L. W.	76	MOYER, H. V. <i>See</i> Caldwell, J. R.	
JOHNSON, OTTO. Rapid Method for Making Standard Solutions of Specified Normality.....	82	MÜLLER, R. H. Photoelectric Colorimetry in Microanalysis. Photoelectric Methods in Macro- and Microanalysis. Spectrophotometric Determination of Manganese in Steel. (Correspondence).....	223
JOHNSTON, W. R., REDFERN, SUTTON, AND MILLER, G. E. New Method for Determining Invertase Activity. <i>See also</i> Jozsa, S.	136	MULLIKEN, S. P., AND WAKEMAN, R. L. Estimation of Unsaturation in Aliphatic Hydrocarbons by Bromide-Bromate Titration. Procedure for Classification of Hydrocarbons.....	361
JONES, H. R. Simple Inexpensive Galvanometer Suspension.....	143	MURPHY, G. B. <i>See</i> Lowry, C. D., Jr.	59
JOZSA, S., AND JOHNSTON, W. R. Determination of α -Amylase.....	244	NAGAI, IDUMI. <i>See</i> Minatoya, Syukusaburō.	275
KAHLER, H. L. <i>See</i> Sheen, R. T.	193	NALDER, M. E. <i>See</i> Poe, C. F.	
KAR, H. A. Copper Determination by α -Benzoin Oxime in Copper-Molybdenum Alloy Steels. Sulfur Determination by Combustion Method.....	112	NEWELL, I. L., FICKLEN, J. B., AND MAXFIELD, L. S. Critical Study of Cacotheline for Detection of Tin.....	26
KAPENKO, V. <i>See</i> Conn, L. W.	338	NEWTON, R. H. <i>See</i> Varga, F. B.	
KASLINE, C. T. <i>See</i> Mellon, M. G.	135	NICHOLS, M. L. Determination of Perchlorates and Cooper. Potentiometric Titrations with Germanium-Germanium Dioxide Electrode.....	39
KASSEL, L. S., AND GUT, T. W. Determining Correct Weight of Sample in Coal Sampling.....	366	NICHOLSON, FRANK. <i>See</i> Bost, R. W.	350
KEMP, L. C., JR., COLLINS, J. F., JR., AND KUHN, W. E. Determining Specific Gravity of Gases. Improvements in Effusion Method.....	294	NIEDERL, J. B. Recent Advances in Applied Microchemistry.....	353
KINNEY, G. F. <i>See</i> Garman, R. L.	37	ODE, W. H. <i>See</i> Selvig, W. A.	214
KIRK, P. L. Preparation of Sintered Glass Filters. <i>See also</i> Bullock, Burlingame.	314	OFFORD, H. R. Rapid Test for Chlorate Ion.....	
KIRNER, W. R. Direct Simultaneous Microdetermination of Carbon, Hydrogen, and Oxygen: II. Analysis of Pure Compounds Containing Carbon, Hydrogen, Oxygen, and Sulfur, 363; III. Analysis of Pure Compounds Containing Carbon, Hydrogen, Oxygen, and Nitrogen. Microchemical Analysis of Solid Fuels.....	209	O'LEARY, W. J. <i>See</i> Lamar, M. O.	93
KOBKE, K. A., AND WILLIAMS, J. S. Confining Liquids for Gas Analysis. Solubility of Carbon Dioxide in Salt Solutions.....	79	OLSON, J. W., AND PLASS, C. E. Simple Reflux Condenser for Use with Erlenmeyer Flasks.....	444
KOENIG, E. W. Determination of Alkalies in Feldspars. Modified Hydrofluoric Acid Method.....	131	OSBORN, S. J., AND ZISCH, J. H. Double-Acid Method of Optical Analysis of Beet Products. (Correction). <i>See also</i> Hultquist, M. E.	95
KOLTHOFF, I. M., AND LIVINGSTON, R. S. Catalytic and Induced Reactions in Microchemistry. AND STENGER, V. A. Calcium Hypochlorite as Volumetric Oxidizing Agent. <i>See also</i> Sandell, E. B.	130	OWENS, J. S. <i>See</i> Duffendack, O. S.	
KREMER, E. O. <i>See</i> Wilkins, E. S., Jr., and Willoughby, C. E.	150	PAGE, R. T. Constant-Flow Orifice Meters of Low Capacity.....	355
KREMER, R. E. <i>See</i> Sell, H. M.	184	PALKIN, S. Improvements in Design of Pressure Control Assembly. Precision Oil Gage.....	436
KROGH, AUGUST. Precise Determination of Oxygen in Water by Syringe Pipets. Syringe Pipets.....	401	PARK, BARTHOLOMEW. Bismuthate Method for Manganese. II. AND LEWIS, E. J. Estimation of Small Amounts of Lead in Copper. PARKS, G. S., SPAHT, M. E., AND BARTON, L. E. Viscosity Data for Commercial Rosin and Abietic Acid. PARKS, L. R., AND BARNES, C. R. Application of Glass Electrode to Dairy Products. PARTRIDGE, E. P. <i>See</i> Fraas, Foster.	434
KUHN, W. E. <i>See</i> Kemp, L. C., Jr.	272	PEARSON, R. W. <i>See</i> Sheets, Olive.	
LAKIN, H. W. <i>See</i> Williams, K. T.	278	PHILLIPS, A. J. Determination of Fineness of Nitrocellulose by Dye Absorption.....	416
LAMAR, M. O., HAZEL, W. M., AND O'LEARY, W. J. Notes on J. Lawrence Smith Fusion.....	140	PLASS, C. E. <i>See</i> Olson, J. W.	
LAMB, F. W. <i>See</i> Winter, O. B.	333	POE, C. F., AND NALDER, M. E. Combination of Catalysts to Reduce Digestion Time in Determination of Nitrogen. I. In Organic Compounds. <i>See also</i> Hultquist, M. E.	189
LANG, J. W. Analysis of Complex Gaseous Mixtures. Using Combination of Podbieliak Distillation Column and Shepherd Apparatus.....	333	POLLARD, C. B., AND FORSEE, W. T., JR. Rapid Method for Quantitative Determination of Carbon in Organic Compounds. <i>See also</i> Forsee, W. T., Jr.	77
LANSING, A. C. Detection of Benzene in Alcohol.....	333	PORTER, D. J., AND CYRDE, D. S. Improved Slow-Combustion Pipet for Gas Analysis.....	191
LARSON, H. W. E. Preparation and Properties of Mono-, Di-, and Tricalcium Phosphates.....	333	POSEN, E. J. <i>See</i> Weber, Ione.	
LEAVENWORTH, C. S. <i>See</i> Pucher, G. W.	333	POTTERER, C. H. <i>See</i> Clarke, B. L.	
LEWIS, E. J. <i>See</i> Park, Bartholomew.	333	PUCHER, G. W., VICKERY, H. B., AND LEAVENWORTH, C. S. Determination of Ammonia and of Amide Nitrogen in Plant Tissue.....	152
LIBER, EUGENE. <i>See</i> Whitmore, W. F.	333	RABY, E. C. <i>See</i> Bartholomew, E. T.	
LINGANE, J. J. <i>See</i> Sandell, E. B.	333	RAINIER, E. T., AND GERKE, R. H. Fatigue Cracking Test for Tire Tread Compounds.....	368
LIVINGSTON, R. S. <i>See</i> Kolthoff, I. M.	333	RAKESTRAW, N. W., AND MAHNCKE, H. E. Boron Content of Sea Water of North Atlantic Coast.....	425
LOHSE, H. W. Determination of Small Amounts of Potassium by Means of Sodium Cobaltinitrite.....	333	RANDALL, MERLE, AND SARQUIS, M. N. Microdetermination of Lead. Electrolytic-Colorimetric Method.....	2
LORGE, IRVING. <i>See</i> Zarban, F. W.	333	RAO, M. R. A., AND RAO, B. S. Simple Automatic Cut-Off for Electric Stills.....	377
LOWELL, J. H. Evap-O-Rotor. Device for Comparing Evaporation Rates of Lacquer Solvents.....	333	REDFERN, SUTTON. <i>See</i> Johnston, W. R.	
LOWRY, C. D., JR., SMITH, M. A., AND MURPHY, G. B. Standardized Test of Gasoline Color Stability.....	333	REID, J. D. <i>See</i> Scanlan, J. T.	
LUM, J. H., AND CURTIS, H. A. Coal Carbonization—the Plastic Stage.....	333	REID, W. T. Control of Forms of Iron in Determination of Fusion Temperatures of Coal Ash. <i>See also</i> Bambach, Karl.	335
MACBRIDE, W. B. <i>See</i> Havenhill, R. S.	333	RIDER, T. H. <i>See</i> Bambach, Karl.	
MCCONNELL, C. W. Inexpensive Vacuum Regulator.....	333	RIFFENBACH, H. B. Colorimetric Determination of Small Quantities of Chlorides in Waters.....	14
MCNAMEE, P. D. Estimation of Chloramine in Water Supplies.....	333	RITTER, G. J., AND BARBOUR, J. H. Effect of Pretreatments of Wood on Lignin Determination. Distribution of Methoxyls in Wood. ROBINSON, H. M. <i>See</i> Winter, O. B.	238
MAGRAW, D. A., AND SIEVERT, C. W. Determination of Lactose in Mixed Feed.....	333	ROBINSON, R. J., AND WIRTH, H. E. Photometric Investigation of Cerulocomolybdate Determination of Phosphate in Waters. ROEPKE, R. R. Determination of Phosphorus Fractions in Blood Serum.....	147
MAHINCKE, H. E. <i>See</i> Rakestraw, N. W.	333	ROGERS, L. H. Spectrographic Microdetermination of Zinc. ROSS, E. M. <i>See</i> Sheen, R. T.	78
MALISOFF, W. M. Determination of Chlorine in Organic Compounds. I. Rapid Lamp Method. AND ANDING, C. E., JR. Determination of Mercaptans in Hydrocarbon Solvents.....	333	ROSS, H. L., AND SEEFL, F. W. Determination of Free Silica. Modified Petrographic Immersion Method.....	421
MARGOLIS, E. T. <i>See</i> Sandin, R. B.	333	ROSS, W. H., BEESON, K. C., WHITE, L. M., AND MERZ, A. R. Loss of Water-Soluble Potash in Fertilizer Mixtures.....	30
MARKS, M. E. Direct Determination of Total Oxygen in Oils.....	333	ROSS, W. H., BEESON, K. C., WHITE, L. M., AND MERZ, A. R. Loss of Water-Soluble Potash in Fertilizer Mixtures.....	305
MARVIN, G. G., WITH SCHUMB, W. C. Determination of Small Quantities of Selenium in Sulfur. MATTIKOW, M. Use of Sintered Glass Disks in Distillations.....	333	ST. JOHN, J. L. <i>See</i> Gerritz, H. W.	
MAXFIELD, L. S. <i>See</i> Newell, I. L.	333	SANDIN, E. B., KOLTHOFF, I. M., AND LINGANE, J. J. Modified Persulfate-Arsenate Method for Manganese.....	256
MELHLIG, J. P. Spectrophotometric Determination of Copper in Ores and Mattes. Spectrophotometric Determination of Manganese in Steel. (Correspondence, 361).....	333	SANDIN, R. B., AND MARGOLIS, E. T. Determination of Mercury in Iodinated Organic Compounds of Mercury. Application of Spaci and Spaci Copper Sulfate-Propylenediamine Reagent.....	293
MELLON, M. G., AND KASLINE, C. T. Solutions for Colorimetric Standards. VI. Ferro Chloride.....	333	SARQUIS, M. N. <i>See</i> Randall, Merle.	
MENZ, A. R. <i>See</i> Ross, W. H.	333	SARVER, L. A., AND FISCHER, WM. VON. Oxidation-Reduction Indicators. I. Diphenylbenzidine Sulfonic Acid.....	271

SATTLER, LOUIS. <i>See</i> Zerban, F. W.	
SCANLAN, J. T., AND REID, J. D. Benzoyl Auramine G. New Indicator for Kjeldahl Nitrogen Determinations.....	125
SCHERTZ, F. M. Economical Continuous Distilling Apparatus.....	441
SCHIERHOLTZ, O. J. Pressure Regulator for Vacuum Distillation.....	284
SCHOLL, WALTER, AND DAVIS, R. O. E. Six-Atmosphere Mercury Manometer.....	135
SCHOLLENBERGER, C. J. Buret Assembly for Standard Reducing Solutions.....	199
SCHEMB, W. C. <i>See</i> Marvin, G. G., and Simpson, S. G.	
SCOTT, E. W., AND HENNE, A. L. Titration of Fluorine in Biological Materials.....	299
SEHL, F. W. <i>See</i> Ross, H. L.	
SELL, H. M., AND KREMERS, R. E. Metallic Salts of Ursolic Acid.....	105
SELVIG, W. A., AND ODE, W. H. Determination of Gas, Coke, and By-Products of Coal. Evaluation of Laboratory Assay Tests.....	88
SHAPIRO, HERBERT. Nomogram for Centrifugal Force.....	25
SHEEN, R. T., KAHLER, H. L., AND ROSS, E. M. Turbidimetric Determination of Sulfate in Water. Betz-Hellige Method.....	262
SHEETS, OLIVE, PEARSON, R. W., AND GIEGER, MARVIN. Determination of Copper in Organic Matter. Note on Ansbach's Method.....	109
SHENK, W. E., AND FENWICK, F. Electrometric Titration. Device for Automatically Stopping at Predetermined End Point.....	194
SHERK, W. W. <i>See</i> Houpt, A. G.	
SHNIDMAN, LOUIS. Determination of Water in By-Product Sulfur.....	246
SIEVERT, C. W. <i>See</i> Magrath, D. A.	
SILVERMAN, LOUIS. Determination of Sulfur in Plain and Alloy Steels. Perchloric Acid Modification of Meineke's Method.....	205
SIMPSON, S. G., WITH SCHUMB, W. C. Selenite-Phosphate Method for Determining Zirconium in Ores.....	286
SMITH, F. L., 2nd. <i>See</i> Wilkins, E. S., Jr.	301
SMITH, G. F., AND SULLIVAN, V. R. Volumetric Determination of Iron in Leather.....	23
SMITH, H. R. Permanent Aqueous Microscopic Mounts.....	118
SMITH, H. V. Determination of Fluorine in Drinking Water.....	273
SMITH, M. A. <i>See</i> Lowry, C. D., Jr.	
SNELL, F. D. <i>See</i> Biffen, F. M.	
SNIDER, H. J. <i>See</i> Giesecking, J. E.	
SPAGHT, M. E. <i>See</i> Parks, G. S.	
SPIES, J. R. Recovery of Silver and Iodine from Silver Iodide.....	8
STANFIELD, K. E. Determination of Molybdenum in Plants and Soils.....	443
STEELE, H. K. <i>See</i> Gore, H. C.	
STENGER, V. A. <i>See</i> Kolthoff, I. M.	
STONE, G. C. H. Rapid Method for Dialyzing Large Quantities of Protein Solution.....	433
STRAIN, W. H., AND ALLEN, W. M. Molecular Still.....	433
STRAUB, F. G. Continuous Production of Distilled Water Free from Carbon Dioxide and Ammonia.....	311
SUKNAROWSKI, STEFAN. <i>See</i> Holzman, E.	
SULLIVAN, J. T. Estimation of Starch.....	309
SULLIVAN, V. R. <i>See</i> Smith, G. F.	444
TAYLOR, T. C., FLETCHER, H. H., AND ADAMS, M. H. Determination of Alkali-Labile Value of Starches and Starch Products.....	321
THIELE, E. W. <i>See</i> FitzSimons, Ogden.	
THOMPSON, P. J. <i>See</i> Forsee, W. T., Jr.	
TREBELLER, H. A. <i>See</i> Conn, L. W.	
TRIMBLE, C. S. <i>See</i> Whittier, E. O.	
TROELLER, W. J. <i>See</i> Baldeschwieler, E. L.	
TRUOG, E. <i>See</i> Dean, L. A.	
TSCHERNIKHOV, J. A., AND USPENSKAYA, T. A. Determination of Stibnite Sulfur in Ores and Minerals.....	240
TUEMMER, F. D. <i>See</i> Hale, A. H.	
TURNER, W. D. Improved Liquid Absorption Tube.....	
USPENSKAYA, T. A. <i>See</i> Tschernikhov, J. A.	
VARGA, F. B., AND NEWTON, R. H. Sampling and Analysis of Entrained Matter in Gases.....	
VEISBRUTE, L. <i>See</i> Cheraskova, E.	
VICKERY, H. B. <i>See</i> Pucher, G. W.	
WAKEMAN, R. L. <i>See</i> Mulliken, S. P.	
WALKER, I. F., AND CHRISTENSEN, B. E. Determination of Methane by Catalytic Oxidation.....	9
WALSH, W. L., AND MILAS, N. A. Simple Photoelectric Thermoregulator.....	122
WAN, C. S. <i>See</i> Ho, K.	
WATSON, K. M., AND WIRTH, CHARLES, III. Routine High-Vacuum Distillation of Oils.....	72
WEBER, IONE, POSEN, E. J., AND CEBOOLSKY, N. G. Effect of Asparagine on Reducing Power of Levulose.....	77
WEBER, PAUL. <i>See</i> Hass, H. B.	
WEN, S. H. <i>See</i> Ho, K.	
WENKER, HENRY. Indicator Properties of Dinitroaniline Azo Dyes.....	40
WEITLAUFER, L. A., AND GREGOR, J. B. Volumetric Determination of Evaporation Rates.....	290
WHITE, L. M. <i>See</i> Ross, W. H.	
WHITMORE, W. F., AND LIEBER, EUGENE. Identification of Certain Solvents by Xanthate Reaction. Application to Alcohols.....	127
WHITNAH, C. H., AND ANDERSON, H. L. Precise Determination of Calcium, Magnesium, and Phosphorus in Evaporated Milk.....	46
WHITTIER, E. O., AND TRIMBLE, C. S. Differences in Lactic Acid Percentages in Butters.....	389
WIERTELAK, J., AND GARBACZOWNA, I. Adsorption of Organic Liquids by Cellulose Products.....	110
WIJK, W. R. VAN. New Method for Measuring Corrosion of Metals.....	48
WILEY, F. H. <i>See</i> Duffendack, O. S.	
WILEY, R. M., AND HARDER, E. H. Apparatus for Study of Liquid-Vapor Equilibrium Compositions.....	349
WILEY, W. J. Determination of Traces of Hydrogen Sulfide in Sewer Gases.....	202
WILKINS, E. S., JR., WILLOUGHBY, C. E., KRAMER, E. O., AND SMITH, F. L., 2ND. Determination of Minute Amounts of Lead in Biological Materials. <i>See also</i> Willoughby, C. E.	33
WILLARD, H. H., AND YOUNG, PHILENA. Standardization of Potassium Dichromate.....	57
WILLIAMS, J. S. <i>See</i> Kobe, K. A.	
WILLIAMS, K. T., AND BYERS, H. G. Occurrence of Selenium in Colorado River and Tributaries. <i>See also</i> Wilkin, E. S., Jr.	431
AND LAKIN, H. W. Determination of Selenium in Organic Matter. <i>See also</i> Wilkin, E. S., Jr.	409
WILLOUGHBY, C. E., WILKINS, E. S., JR., AND KRAMER, E. O. Determination of Lead. Removal of Bismuth Interference in Dithizone Method.....	285
WILLSON, V. A. Determination of Available Chlorine in Hypochlorite Solutions by Direct Titration with Sodium Thiosulfate.....	44
WINTER, O. B., ROBINSON, H. M., LAMB, F. W., AND MILLER, E. J. Determination of Lead. Modification of Fischer-Leopoldi Method.....	265
WIRTH, CHARLES, III. <i>See</i> Watson, K. M.	
WIRTH, H. E. <i>See</i> Robinson, R. J.	
WOOTEN, L. A. <i>See</i> Clarke, B. L.	
WRAY, R. I. <i>See</i> Edwards, J. D.	
YEE, J. Y., AND DAVIS, R. O. E. Determination of Ammoniacal and Urea Nitrogen.....	259
YOE, J. H., AND CRUMPLER, T. B. Photoelectric Colorimeter. Roulette Comparator for Colorimetric Analysis.....	281
YOHE, G. R. Filtration of Hot Solutions.....	78
YOUNG, PHILENA. <i>See</i> Willard, H. H.	206
ZERBAN, F. W., SATTLER, LOUIS, AND LORGE, IRVING. Studies on Turbidity in Sugar Products. III. Transmittancy and Tyndall Beam Intensity of Solutions of Raw Cane Sugars.....	157
ZINK, F. J. Stirring Air within Desiccators.....	442
ZINZADE, CH. Colorimetric Methods for Determination of Arsenic in Phosphorus-Free Solutions. Colorimetric Methods for Determination of Phosphorus. In Presence of Silica, Arsenic, Iron, and Nitrates. (Correction, 320). Photoelectric Photometers for Use in Colorimetry.....	230
ZISCH, J. H. <i>See</i> Osborn, S. J.	227
	280