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## . . . for rapid, accurate preparation of Volumetric Solutions.

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Acid Acetic, 1 N, 1/2 N, 1/4 N, 1/10 N	\$2.25
Acid Arsenous, 1/10 N	
Acid Hydrochloric, 1 N, 1/2 N, 1/4 N, 1/20 N,	
1/100 N	1.85
Acid Hydrochloric, 1/10 N	
Acid Nitric, 1 N, 1/2 N, 1/4 N, 1/10 N	
Acid Oxalic, 1/10 N, 1/100 N	
Acid Sulphuric, 1 N, 2/3 N, 1/2 N, 5/28 N, 1/16 N,	
1/25 N, 1/28 N, 1/50 N	1.85
Acid Sulphuric, 1/10 N	
Ammonium Hydroxide, 1 N, 1/2 N, 1/4 N, 1/10 N	2.75
Ammonium Thiocyanate, 1 N, 1/2 N, 1/4 N, 1/10 N	
Barium Chloride, 1/2 N	
Barium Chloride, 1/5 N	2.75
Barium Chloride, 1/10 N	2.00
Bromine (Bromate-Bromide, 1/10 N	3.00
Ceric Sulphate, 1/10 N	4.50
Ferrous Ammonium Sulphate, 1/10 N	
lodine (lodine-lodide, 1/5 N, 1/20 N, 1/100 N	2.50
lodine (lodine-lodide), 1/10 N	2.25
lodine (lodate-lodide), 1/10 N	5.00
lodine (lodate-lodide, 1/20 N	3.75
Potassium Bichromate, 1/2 N	
Potassium Bichromate, 1/10 N	1.75
Potassium Bromate, 1/10 N	
Potassium Bromide, 1/10 N	
Potassium Biiodate, 1/100 N	
Potassium Carbonate, 1/10 N, 1/16 N	
Potassium Ferrocyanide, 1/10 N	
Potassium Hydroxide (CO <sub>2</sub> free), 1 N, 1/2 N, 1/4 N	
Potassium Hydroxide (CO <sub>2</sub> free), 1/10 N	
Potassium Iodate, 1/10 N, 1/100 N, 0.0312 N	
Potassium Permanganate, 1/4 N, 1/5 N	2.25
Potassium Permanganate, 1/10 N, 1/16 N, 1/20 N,	
1/50 N, 1/100 N	
Potassium Thiocyanate, 1/10 N	
Silver Nitrate, 0.282 N	5.00
Silver Nitrate, 1/10 N, 0.0282 N	2.50
Sodium Arsenite, 1/10 N	
Sodium Carbonate, 1/10 N	
Sodium Carbonate, 1/100 N	
Sodium Chloride, 1/10 N	2.00
Sodium Hydroxide (CO <sub>2</sub> free), 1 N, 1/2 N, 1/4 N,	
1/5 N, 1/20 N, 1/50 N, 1/100 N	
Sodium Hydroxide (CO <sub>2</sub> free), 1/10 N	
Sodium Oxalate, 1/10 N	
Sodium Thiocyanate, 1/10 N	
Sodium Thiosulphate, 1/10 N	
Sodium Thiosulphate, 1/100 N	
Sodium Thiosulphate, 0.02308 N	2.50
Starch Indicator (for Iodometric Titrations)	2.75

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SCIENTIFIC LABORATORY INSTRUMENTS - APPARATUS - SUPPLIES - CHEMICALS E. H. SARGENT & COMPANY, 4647 W. FOSTER AVE., CHICAGO 30, ILLINOIS MICHIGAN DIVISION, 1999 EAST SEPTERSON STREET, DETROIT 7, MICHIGAN SOUTHWESTERN DIVISION, 5915 PEELER STREET, DALLAS 9, TEXAS

## People and Products

CENTRAL SCIENTIFIC COMPANY, Chicago, Ill., has designed the Cenco-Riverbank Frequency Standards to be used as reference standards for all measurements of either frequency or time. These frequency standards provide a high order of frequency stability over the temperature range from minus 20°C. to plus 75°C. Stock models provide a single precise frequency of 60 cycles or 100 cycles with a tuning accuracy of plus or minus .003%. Models for other frequencies are available.

DE LAVAL SEPARATOR COMPANY, Poughkeepsie, N. Y., has announced the appointment of Walter F. Schmid to the position of assistant general sales manager. He was formerly manager of the company's refrigeration division.

FISHER SCIENTIFIC COMPANY, Pittsburgh, Pa., has developed a spatula especially designed for the semi-micro chemist. One end of the 16-centimeter long spatula is tapered down to a 3.5-millimeter rounded tip to simplify the removal of precipitates from 5-milliliter conical contribuge tubes. The other end is flattened to a slightly rounded 6.5-millimeter tip for work with the regular centrifuge tube.

This company has also designed the Fisher Unitized Fume Hood, with 30-inch Kemstone top specified. It requires no reagent shelf for fit and extends all the way to the back of the hood to add about 30% to present working depth.

Fisher has also developed a new power supply so that the Beckman DU Spectrophotometer is now powered entirely from the outside. The C-batteries of this ultraviolet range instrument can now be installed, adjusted, and replaced without turning the sensitive DU upside down and removing the base plate.

The election of De Otis L. Marlett as vice president of GREAT LAKES CARBON CORPORATION, Los Angeles, Calif., and his appointment as general manager of the Dicalite and Perlite Divisions has been announced.

Stockholders of MERCK AND COMPANY INC., Rahway, N. J., and of Sharp and Dohme Inc., Philadelphia, Pa., have approved the plan of merger. The name of the combined company is Merck and Company Inc. The business of Sharp and Dohme will be conducted under its name as a division of Merck.

E. H. SARGENT AND COMPANY, Chicago, Ill., has completely redesigned its original fat stability apparatus, which employs the active oxygen method for the determination of the relative keeping quality of lards, fats, and oils. The new apparatus provides higher operating temperatures with consequent reduction of test time and easier assembly of the air distribution system. Circulation of the electrically heated mineral oil bath is accomplished by an immersed centrifugal pump.

This company has also developed two new accessories to broaden the applications of its Model V Oscillometer. The first is a cell compensator, which is designed for use with organic liquids in dielectric constant measurement. The second is an Oscillometric recording adapter, which provides the necessary facilities for operation of common types of recording devices in conjunction with Sargent's Oscillometer.

NEW BRUNSWICK SCIENTIFIC COMPANY, New Brunswick, N. J., has introduced its newest shaking machine, the Gyrotory Shaker Model S-3. It offers big machine capacity but is a compact unit 23 in. long by 16 in. wide by 12½ in. high, which accommodates a variety of laboratory glassware, small and large.

AMERICAN POLYMER CORPORATION, Peabody, Mass., has announced the official opening of the plant of its Brazilian associated company, Polymer Productos Quimicos de Brazil of Sao Paulo. The complete plant was designed and constructed by American Polymer in the United States and forwarded to Brazil last June through its export department, Chemicals Export Company.

A. Scharwachter of Arizona Chemical Company, 30 Rocke-feller Center, New York City, was re-elected president of the Tall Oil Association at its annual meeting in the Hotel Hershey, Hershey, Pa., April 16-19.

FOSTER D. SNELL INC., New York City, has become affiliated with Truesdail Laboratories Inc., Los Angeles, Calif., in order to expedite the services rendered to manufacturers of floor waxes and floor finishes on the Pacific coast.