

Tested Substances

Mesa Labs has tested hundreds of liquids for use with its Sonic Concentration Analyzers, including those listed here. If you don't see a listing of interest, contact us to discuss your application.

BINARY AQUEOUS SOLUTIONS AND SLURRIES			
Acetaldehyde	Calcium sulfate	Hydrogen peroxide	Potassium permanganate
Acetic acid	Caprolactam	Hydrosulfite	Propanediol
Acetic anhydride	Chlorine dioxide	Indigo solids in Caustic	Propylene glycol
Acetone	Chlorine salts	Ion exchange resins	Rayon spin bath liquor
Activated carbon slurry	Citric acid	Isophthalic acid	Red liquor
Acrylonitrile butadiene copolymer	Clay slurries	Isopropyl alcohol	Rolling Oils
Adipic acid	Cleaning concentrates	Isopropylamine	Salicylic acid slurry
Alkanolamine oleate	Cobalt acetate	Latex	Saline solutions
Alum	Coolant oil emulsions	Lithium bromide	Silver nitrate
Alumina fines	Copolymer latices	Lithium hydroxide	Sodium bichromate
Alumina hydrate slurry	Copper sulfate	Magnesium bisulfite	Sodium borate
Aluminum chlorhydrate	Corn starch	Magnesium sulfate	Sodium carbonate
Aluminumsulfate	Cupric chloride	Magnesium sulfite	Sodium chlorate
Amines	Cupriethylene diamine	Methanol	Sodium chloride
Ammonia	Cyanides	(Methylalcohol)	Sodium chloride
Ammonium bisulfite	Defoamers	Methyl deithanolamine	Sodium formate
Ammonium carbonate	Detergent solutions	Methyl ethyl keytone	Sodium hydroxide
Ammonium chloride	Diammonium phosphate	Methylene chloride	Sodium hypochlorite
Ammonium hydroxide	Dibutyl phthalate	Mica slurry	Sodium lauryl sulfate
Ammonium molybdenate	Diethanolamine	n-Methyl pyrrolidone	Sodium nitrate
Ammonium nitrate	Dimethyl formamide	Nitric acid	Sodium silicate
Ammonium persulfate	Emulsified rosin	Nylon finishes	Sodium sulfate
Ammonium sulfate	Ethanol	Nylon salt	Sodium sulfide
Bauxite slurry	Ethylene dichloride	Oleum	Sodium thiocyanate
Bayer liquor (aluminumprod.)	Ethylene glycol	Oil / water emulsions	Sorbic acid
Bismuth octoate	2-Ethylhexanoic acid	Ore-leaching solutions	Spent sulfite liquor
Black liquor	Ferric chloride	PVCsuspension	Styrene butadiene rubber
Boric acid in Sodium sulfate solution	Ferrous sulfate in Sulfuric acid	Paints	Sulfite liquor
Boric acid	Finish solutions	Paper-coating latices	Sulfuric acid
Brine	Flocculant	Phenol	Surfactants
Butadiene rubberslurry	Fluorosulfonic acid	Phosphate slurry	t-Butyl alcohol
Butanol	Fly ash slurry	Phosphoric acid	Taconite slurry
Calcium carbonate	Formaldehyde	Polyglycol / potassium hydroxide	Terathane waste acid
Calcium chloride	Formic acid	Polymer (floor-wax)emulsion	Terephthalic acid slurry
Calcium hydroxide	Glycerin	Polystyrene	Tetrahydrofuran
Calcium nitrate	Graphitesolids	Polyvinyl acetate	Thixotropic pigments
	Gypsum	Polyvinyl alcohol	Titanium oxide
	Hexamethylenediamine	Potassium - butylphosphate	Toluene
	Hydrochloric acid	Potassium carbonate	Urea
	Hydrofluoric acid	Potassium chloride	Urea formaldehyde resin
		Potassium hydroxide	Vinyl / butyl acetate
TRINARY AQUEOUS SOLUTIONS			
Copper Sulfate / Sulfuric Acid / Water Cupric Chloride / Hydrochloric Acid / Water		Hydrocarbons / Sulfuric Acid / Water (Alkylation Acid) / Potassium Hydroxide / Potassium / Fluoride / Water	
NON-AQUEOUS SOLUTIONS AND SLURRIES			
Acetic anhydride in Acetic acid	Diethylhexyl phthalate in Adipate polyester	Orthene in Methylene chloride	Polysulfide Polyurethane in

Acrylic acid in Monomer Acrylic latexes Acrylic polymer in Toluene / butanol Alkyd resin Ammonia in Nitroaniline Aniline Antimony trioxide slurry in Ethylene glycol Carbon tetrachloride Cellulose acetate in Acetic acid Cellulose acetate in Acetone Cephalosporin in Methylene chloride Cephalothin slurry in Alcohol Coal tar pitch Coal / mineral oil slurry Coke tar Copolymer in Hexane Creosote Cyclohexanone in Cyclohexane Diatomaceous earth in Heptane	Epoxy polymer in Organic solvent Epoxy resins Ethanol in Caustic Ethylene glycol in Terephthalic acid Ethylene oxide Ethylenediamine in Toluene Film developer Formamine Freon in Oil Homopolymer in Hexane Homopolymer/copolymer in Iso-octane Methanol in Methyl acetate Methyl methacrylate in Ethyl acrylate Modacrylic polymer in Dimethyl formamide NORDEL in Hexane Oleum Organic peroxides	p,p-Bisphenol A in Phenol Phenolic resin Polycarbonate in Methylene-chloride Polyester resin in Monomer Polyester resin solids in Styrene Polyethylene Polymers in: Xylene Toluene Alpha-methylstyrene Ethyl acrylate Iso-octane Cyclohexane Polymer solids in Hexane Polymerization rate, M.W. Polyolefin lubricants Polyphenylene oxide in Toluene Polysiloxane rubber Polystyrene in Styrene Polystyrene solids in Polyglycol	Tetrahydrofuran Polyvinyl acetate in Methanol Polyvinyl chloride Resin in Toluene Resin in Toluene / Heptane Rubber in: Methylene chloride Xylene Styrene Saran Silicone oils Silicone polymers Siloxane rubber Soybean oil in Hexane Soybean oil hydrogenation Spin bath liquor Styrene in Ethylbenzene Succinic acid in Succinic anhydride Sulfur chloride in Sulfur dichloride Sulfur Trioxide in Fluosulfonic acid Terephthalic acid
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FOOD PRODUCTS

Apple juice / Concentrate Beer (wort plato) Beet sugar Butter Caffeine Catsup Cheese slurry Coffee extract	Cooking oils Corn starch slurry Corn syrup Fructose Fruit juice concentrate Gelatine Glucose Glucose monohydrate	Grape juice / Concentrate Ice cream Jelly Liquid protein Margarine oils Milk products Molasses Orange juice	Palm oil Pectin Soft drinks Sucrose (dilute) Sucrose syrup Tea extract Vegetable oils Wines
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PETROLEUM PRODUCTS / INTERFACE DETECTION

#2 Fuel oil Alkylation acid Asphalt Bunker "C"	Coal / fuel oil slurry Coal / kerosene slurry Crude oil Diesel fuel	Standard Low sulfur Fuel Oils Gasoline	Regular Unleaded Premium Jet fuel
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