

Table 1: Conductivity normally > 20 µS/CM

Acetamide	Cranberries, crushed	Mercury
Acetic acid*	Cream cheese mix	Milk (skim and regular)
Aluminium chloride, 80%	Cupric chloride	Molasses
Aluminium fluoride	Cupric nitrate, 50%	Nickel chloride, 20%
Aluminium nitrate	Cupric sulfate	Nickel nitrate, 10%
Aluminium potassium sulfate	Ferric chloride, 50%	Nickel sulfate
Aluminium sulfate, 50%	Ferric nitrate, 10%	Nitric acid (all conc.)
Ammonia	Ferric sulfate, 10%	Oleum
Ammonium bicarbonate, 50%	Ferrous chloride, 10%	Oxalic acid (all conc.)
Ammonium bifluoride, 50%	Ferrous sulfate, 50%	Paper pulp
Ammonium bisulfate	Fluosilicic acid	Phosphate slurry
Ammonium carbamate, 50%	Formaldehyde, 35%	Phosphoric acid, 30%
Ammonium carbonate, 50%	Formic acid (all conc.)	Phosphoric acid, 80%
Ammonium chloride	Fruit juices	Photographic emulsion
Ammonium fluoride, 50%	Fudge	Polystyrene
Ammonium hydroxide	Gallium	Potassium acetate
Ammonium iodide	Germanium tetrabromide	Potassium bromide, 36%
Ammonium nitrate	Glucose	Potassium carbonate, 50%
Ammonium persulfate	Glutamic acid	Potassium chloride, 21%
Ammonium phosphate	Green liquor	Potassium cyanide, 6%
Ammonium sulfate	Hydriodic acid, 5%	Potassium fluoride, 40%
Asphalt emulsion	Hydrobromic acid, 15%	Potassium hydroxide, 42%
Barium chloride	Hydrochloric acid (all conc.)	Potassium iodide, 55%
Barium hydroxide, 50%	Hydrocyanic acid	Potassium nitrate, 22%
Barium nitrate	Hydrofluoric acid, 48%	Potassium oxalate, 10%
Barium sulfate	Hydrogen peroxide*	Potassium sulfate, 10%
Barium liquor	Hydrogen sulfide	Potassium sulfide, 47%
Boric acid, 50%	Hypochlorous acid, 80°F	Propionic acid, 70%
Brine	Iodic acid	Silver nitrate, 60%
Butryc acid*	Lactic acid, 10-85%	Sodium acetate, 32%
Cadmium bromide	Latex	Sodium carbonate, 15%
Cadmium chloride, 50%	Latex paint	Sodium chloride, 26%
Cadmium iodide, 45%	Lead nitrate, 60%	Sodium hydroxide, 50%
Cadmium nitrate, 48%	Lime (calcium hydroxide)	Sodium iodide, 40%
Cadmium sulfate, 36%	Lithium carbonate	Sodium nitrate, 30%
Calcium bisulfite	Lithium chloride	Sodium sulfate, 15%
Calcium bromide	Lithium hydroxide	Sodium sulfide, 18%
Calcium carbonate	Lithium iodide	Strontium chloride, 22%
Calcium chlorate, 30%	Lithium sulfate	Strontium nitrate, 35%
Calcium chloride, 90%	Maleic acid	Sugar solution dilute, 5%
Calcium hydroxide	Malic acid	Sulfuric acid
Calcium hypochlorite, 6%	Magnesium carbonate, 10%	Titanium dioxide, 100%
Calcium nitrate, 50%	Magnesium chloride	Toothpaste, 100%
Coffee extract	Magnesium nitrate	Urea, 100%
Cola syrup	Magnesium sulfate	Zinc chloride, 60%
Copper nitrate, 35%	Manganese chloride	Zinc oxide, 100%
Copper ore slurry	Mercuric bromide*, 42%	Zinc sulfate, 30%
Copper sulfate, 17%	Mercuric chloride, 60%	

Table 2: Conductivity normally 1-20 µS/CM

Acetaldehyde, 100%
Acetonitrile
Acetyl bromide
Alizarin, 100%
Allyl alcohol
Arsenic tribromide
Arsenic trichloride
Benzyl alcohol
Capronitrile
Carboxylic acid
Corn syrup
Chloroacetic acid
Ethyl thiocyanate, 100%
Formamide
Furfural

Table 2: Conductivity normally 1-20 µS/CM

Gin, 90 proof
Hydrogen cyanide
Hydrogen peroxide, 90%
Isopropyl alcohol
Mercuric bromide, 22%
Methyl acetate
Methyl nitrate
O-Toluidine, 100%
Phenyl isothiocyanate
Phosphorous oxychloride
Sulfonyl chloride
Sugar solution, pure
Vodka, 100 proof

NOTE

Conductivity levels change with temperature and fluid concentrations. This is a guideline to assist in determining fluid conductivity. If the conductivity level is marginal, the application should be reviewed in further detail. Consult factory for chemicals, which are not listed.

Table 3: Conductivity normally 0.5-1 µS/CM

Chlorohydrin, 100%
Diethyl oxalate, 100%
Ethyl nitrate, 100%
Nitromethane, 100%
Proionaldehyde, 10%

Table 4: Conductivity normally < 5 µS/CM

Acetic acid, 99.7%	Dimethyl sulfate, 100%	Oleic acid, 100%
Acetic anhydride, 100%	Epichlorohydrin, 100%	Oxygen, 100%
Acetone (80°F)	Ethyl acetate, 100%	Paint enamel, 100%
Acetophenone, 100%	Ethyl acetoacetate, 100%	Parafin wax, 100%
Acetyl chloride, 100%	Ethyl alcohol, 100%	Peanut butter, 100%
Adipic acid, 100%	Ethylamine, 100%	Pentane, 100%
Ammonia, 100%	Ethyl benzoate, 100%	Petroleum, 100%
Aniline, 100%	Ethyl bromide, 100%	Phenetole, 100%
Animal fat, 100%	Ethylene bromide, 100%	Phenol, 100%
Anthracene	Ethylene chloride, 100%	Phosgene, 100%
Benzaldehyde, 100%	Ethyl iodide, 100%	Phosphorous, 100%
Benzene, 100%	Ethyl isothiocyanate, 100%	Pinene, 100%
Benzoic acid, 100%	Eugenol, 100%	Piperidine, 100%
Benzonitrile, 100%	Fuel oil, 100%	Piperidine, 100%
Benzylamine, 100%	Glycerol, 100%	Propionitrile, 100%
Benzyl benzoate	Glycol, 100%	M-Propyl alcohol, 100%
Bromine, 100%	Guaiacol, 100%	M-Propyl bromide, 100%
Bromobenzene, 100%	Heptane	Pyridine, 100%
Bromoform, 100%	Hydraulic fluid, 100%	Quinoline, 100%
Iso-butyl alcohol, 100%	Hydrogen bromide, 100%	Salicylaldehyde, 100%
Butyric acid, 100%	Hydrogen chloride, 100%	Soybean oil, 100%
Carbon disulfide, 100%	Hydrogen iodide, 100%	Starch, 100%
Carbon tetrachloride, 100%	Hydrogen sulfide, 100%	Stearic acid, 100%
Chlorine, 100%	Ink, 100%	Sulfur, 100%
M-Chloroaniline, 100%	Iodine, 100%	Sulfur dioxide, 100%
Chloroform, 100%	Kerosene	Toluene, 100%
Chocolate liquor, 100%	Lard, 100%	P-Toluidine, 100%
M-Creosol, 100%	Methyl alcohol, 100%	Trichloroacetic acid, 100%
Cyanogen, 100%	Methyl ethyl ketone, 100%	Trimethylamine, 100%
Cymene, 100%	Methyl iodine, 100%	Turpentine, 100%
Dichloroacetic acid, 100%	Methyl nitrate, 100%	Iso-valeric acid, 100%
Dichlorohydrin, 100%	Naphthalene, 100%	Vegetable oil, 100%
Diethylamine, 100%	Nitrobenzene, 100%	Water (dist.), 100%
Diethyl carbonate, 100%	O-OR-M-Nitrotoluene, 100%	Xylene, 100%
Diethyl sulfate, 100%	Nonane, 100%	

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