

Product
Code
9021

POTASSIUM IODIDE

ACS, Fine Granular



Product uses

Suitable for use in all industrial applications requiring a very high purity material. Use as a stabilizer in nylon and polymer production, as a laboratory reagent, for catalytic reactions, in sanitizers and disinfectants, for use as a dietary supplement, photographic agent, in metal finishing, aquarium salts, bath salts, and any other application requiring a very pure potassium iodide product.

CAS #

7681-11-0 Potassium iodide

Description

White granular material of small uniform particle size with free flowing characteristics. Odorless.

Particle size

45% passage through 60 mesh screen

Typical analysis

Assay	99 minimum
Insoluble matter	0.005 maximum
pH, 5% solution@25°C	6.0 -9.2
Loss on drying @150°C	0.2% maximum
Iodate content	3 ppm
Chloride/Bromide (as Cl)	0.01%
Nitrogen compounds (as N)	0.001%
Heavy metals (as Pb)	5 ppm maximum
Phosphate	0.001% maximum
Sulfate	0.005% maximum
Barium	0.002% maximum
Calcium	0.002% maximum
Sodium	0.005% maximum
Magnesium	0.001% maximum
Iron	3 ppm maximum
Organic Volatile Impurities	Conforms

Bulk Density

70 -80 pounds per cubic foot (75 pound nominal)

How Supplied

25, 50, and 100 pound, 25 and 50 kilogram, plastic drums, with food grade polyethylene liners.