



TECHNICAL DATA SHEET(TDS)
Potassium Iodate Powder ACS Grade
Product Specifications (CAS# 7758-05-6)

Test	Specification	Typical Results
Assay	99.4% Min.	99.79%
KIO ₃ pH of a 5% Solution @ 25°C	5.0 - 8.0	6.06
Insoluble matter	Max. 0.005%	0.0015%
Chloride & Bromide (as Cl)	Max. 0.01%	0.008%
Iodide	Max. 0.001%	0.00025%
Nitrogen Compounds	Max. 0.005%	0.0013%
Sulfate (SO ₄)	Max. 0.005%	0.0013%
Heavy Metals (as Pb)	Max. 5 ppm	1 ppm
Iron	Max. 0.001%	0.0002%
Sodium (Na)	Max. 0.005%	0.0006%

Appropriate/legal use of this product is the responsibility of the user.

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