



TECHNICAL DATA SHEET(TDS)
Potassium Iodide, Free Flowing, ACS Grade
Product Specifications (CAS# 7681-11-0)

Test	Specification	Typical Results
Assay	Min 99.0%	99.8%
pH of a 5% solution @ 25°C	6.0 - 9.2	6.3
Insoluble matter	Max 0.005%	0.001%
Loss on Drying @ 150°C	Max 0.20%	0.09%
Chloride & Bromide (as Cl)	Max 0.01%	0.001%
Iodate (IO ₃)	Max 3 ppm	<3 ppm
Phosphate (PO ₄)	Max 0.001%	0.0001%
Sulfate (SO ₄)	Max 0.005%	0.000%
Barium	Max 0.002%	<0.0001%
Heavy Metals (as Pb)	Max 5 ppm	1 ppm
Iron	Max 3 ppm	1 ppm
Calcium	Max 0.002%	<0.0001%
Magnesium (Mg)	Max 0.001%	<0.0001%
Sodium (Na)	Max 0.005%	0.0039%

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

[Potassium Iodide, Free Flowing, ACS Grade](#)

Phone: 512-668-9918, Fax: 512-886-4008, E-mail: customercare@laballey.com
www.laballey.com

12501 Pauls Valley Road, Suite A, Austin, Texas 78737
© 2026 Lab Alley