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Certificate of Analysis

Catalogue Number	29805
Lot Number	002439-286-15-1
Product	Potassium iodide

CAS Number	7681-11-0
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Molecular Formula	KI
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Molecular Weight	166
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Appearance	White or almost white crystalline powder
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Appearance of Solution	A 10% w/v solution in carbon dioxide free water is clear and colorless.
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Solubility	Very soluble in water, freely soluble in glycerol, soluble in ethanol (96%)
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Heavy Metals	10 ppm
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Anion	Iodate (IO_3^-): No blue color develops. Sulfate (SO_4^{2-}): < 150 ppm.
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Cation	Iron (Fe): < 20 ppm
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Alkalinity	0.2 mL of 0.01M HCl
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Loss on Drying	0.38%
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Assay (anhydrous basis)	99.7%
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Grade	BP, EP
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Storage	Store at RT
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Additional Information	Identification: Gives reactions of iodides. Gives reactions of Potassium. Test for iodate: No blue color develops. Test for thiosulfates: A blue color is produced.
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Catalog Number: 29805

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager