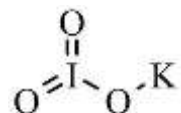


TIQ-F-QC-003
Rev.00

Technical Data Sheet

POTASSIUM IODATE 99 % EXTRAPURE



Product Code	O-5247	Grade	Analytical Reagent
Purity	99 %	CAS No	7758-05-6
Molecular Formula	KIO ₃	Molecular Weight	214 g/mol
H.S.Code	2829.9010	Shelf Life	60 Months

Physical Properties

Physical state	Solid	Melting point	560 °C
Colour	White	Relative density	3.93 g/cm ³ at 25 °C
pH value	ca.6 at 50 g/l at 20 °C	Partition coefficient: noctanol/water	log Pow: -1 at 25 °C
Solubility in water	70 g/l at 25 °C		

Packaging

100 gram

Specification

Appearance	White crystalline powder
Assay (iodometric, on dried basis)	min 99 %
pH (5% Solution in water) at 25 °C	5.0 – 8.0
Chloride, Chlorate, bromide (as Cl)	max 0.02 %
Iodide (I)	max 0.002 %

Safety Information and Hazard Symbols



Symbol: GHS03, GHS07

Signal Word: Danger

UN No.: 1813

IMCO Class No.: 8

Packing Group: II

Hazardous Statement: H272-H315-H319-H335

Precaution Statement: P210-P220-P221-P261-P264-P271-P280-P302+P352-P304+P340-P305+P351+P338-P312-P321-P332+P313-P337+P313-P362-P370+P378-P403+P233-P405-P501

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