

TIQ-F-QC-003
 Rev.00

Technical Data Sheet

POTASSIUM IODIDE 99 % Extrapure



Product Code	O-5063	Grade	Extrapure
Purity	99 %	CAS No	7681-11-0
Molecular Formula	KI	Molecular Weight	166.0 g/mol
H.S.Code	2827.6010	Shelf Life	60 Months

Physical Properties

Physical state	Crystalline	Melting point	681 °C
Colour	White	Relative density	3,13 g/cm ³
pH value	6.0 - 9 at 166 g/l at 25 °C	Boiling point	1,330 °C
Solubility in water	1.430 g/l at 25 °C	Flash point	197,3 °C

Packaging

100 gram

Specification

Appearance	White crystalline powder
Assay (as KI; on anhydrous basis)	99.0 - 100.5 %
Insoluble matter in water	max 0.01 %
Nitrate, nitrite and ammonia	passes test
Chloride & bromide (as Cl)	max 0.05 %
Free alkali (as K ₂ CO ₃)	passes test
Sulphate (SO ₄)	max 0.015 %
Iodate (IO ₃)	max 0.0003 %
Thiosulphate (S ₂ O ₃)	max 0.005 %
Heavy metal (as Pb)	max 0.001 %
Iron (Fe)	max 0.001 %
Loss on drying (at 105 °C)	max 1.0 %

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: warning

UN No.: not applicable

IMCO Class No.: not applicable

Packing Group: not applicable

Hazardous Statement: H302-H315-H319

Precaution Statement: P280-P305+P351+P338-P264

Labotiq