



TECHNICAL DATA SHEET

POTASSIUM IODATE AR

Article No.	316280100	Molecular Formula	KIO ₃
H.S. Code	2829.9080	Molecular Weight	214.00
CAS No.	7758-05-6		

Physical Properties

Physical state at 20 °C	Solid
Colour	White crystalline
Odour	Odorless
Melting point [°C]	560 °C
Density [g/cm ³]	3.93
Solubility in water [% weight]	32 g in 100cc @1000C

Specifications

Assay Min 99.5 %
pH (5% solution in water) 5-8
Chloride, chlorate and bromide,
bromate (as Cl)
Max 0.02 %
Iodide (I) Max 0.002 %
Sulfate (SO₄) Max 0.006 %
Total nitrogen (N) Max 0.002 %
Heavy metals (as Pb) Max 0.0006 %
Iron (Fe) Max 0.001 %
Sodium (Na) Max 0.005 %

Safety Information and Hazard Symbols

Symbol	GHS03, GHS07
Signal Word	Danger
UN No	1479
IMCO Class No.	5.1
Hazardous Statement	H272-H315-H319-H335
Precaution Statement	P210-P220-P280-P302+P352-P304+P340-P305+P351+P338-P370+P378-P501

Packing Group	II
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