

30315 Potassium iodide Puriss. p.a., Reag. ISO, Reag. Ph. Eur., ≥99.5%

Specyfikacja:

Property	Value
APPEARANCE (COLOR)	Colorless or White
PHARMACOPOEA TESTS	thiosulfate (S2O3) ≤ 0.005 %
APPLICATION TEST	Reducing substances complying
MISCELLANEOUS TESTS	heavy metals (as Pb) ≤ 0.0005 %
METAL TRACE ANALYSIS (ICP)	CORRESPONDS TO REQUIREMENTS
BARIUM (ICP)	0 - 20 mg/kg
CALCIUM (ICP)	0 - 10 mg/kg
IRON (ICP)	0 - 3 mg/kg
MAGNESIUM (ICP)	0 - 10 mg/kg
SODIUM (ICP)	0 - 300 mg/kg
ARSENIC TRACES (MHS-AAS)	0 - 0.1 mg/kg
APPEARANCE (FORM)	Powder or Crystals
TOTAL SULFUR AS SO4 (ICP)	0 - 10 mg/kg
IODATE (IO3)	0 - 2 mg/kg
TOTAL NITROGEN	0 - 10 mg/kg
PHOSPHATE (PO4)	0 - 10 mg/kg
VARIOUS GUARANTEE LABEL TEST	Bromide. Chloride (as Cl) ≤ 100MG/KG
ARGENTOMETR. TITRATION	≥ 99.5 %
CONTENT OF CARBONATE (T)	free alkali (as KOH) ≤ 0.02 %
SOLUBILITY (COLOR)	Colorless
SOLUBILITY (TURBIDITY)	Clear
PH-TEST	6-8
PH (METHOD)	20C. 5 % in water
LOSS ON DRYING	≤ 0.2 % 105C

Właściwości fizyczne:

Property	Value
Impurities	≤0.0005% heavy metals (as Pb)
Anion traces	bromide, chloride (as Cl ⁻): ≤100 mg/kg
Grade	reag. ISO, reag. Ph. Eur.
PH	6.0-9.0 (20 °C, 5%)
Cation traces	As: ≤0.1 mg/kg
Mp	681 °C(lit.)
Assay	≥99.5%
Vapor pressure	1 mmHg (745 °C)
Loss	≤0.2% loss on drying, 105 °C
Boiling point	1,323 °C
Freezing point	681 °C
Density	3.12 g/cm ³

Informacje dot. bezpieczeństwa:

Property	Value
Flashpoint	196 °C
Hazard Class	5.1
Package Group	II
UN ID	1479