

Product Specification Sheet



Product Code: BIO-1300
Identifier: Potassium Chloride
Grade: ACS Grade
Appearance: White crystals
Molecular Formula: KCl
Molecular Weight: 74.55 g/mol
Description: Not Applicable
Storage Condition: Store between 20°C - 25°C. Protect from moisture.
Additional Info: Not Applicable
Shelf Life: 24 Months

Assay:	Specification:
Purity (KCl)	≥ 99.5 %
Solubility in water	P/F
Loss on Drying (110°C)	≤ 0.1 %
pH (50g/L, 25°C)	5.0 – 8.0
Bromide	PASS
Iodide	PASS
Phosphate (PO ₄)	≤ 5 ppm
Sulfate (SO ₄)	≤ 0.002 %
Nitrogen compounds (as N)	≤ 0.001 %
Sodium (Na)	≤ 0.02 %
Copper (Cu)	≤ 2 ppm
Magnesium (Mg)	≤ 0.002 %
Calcium (Ca)	≤ 0.002 %
Barium (Ba)	≤ 0.001 %
Lead (Pb)	≤ 2 ppm
Iron (Fe)	≤ 2 ppm

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