

Product Specification

Product Name:

Potassium chloride PurReagent Plus, Reag. ISO, Reag. Ph. Eur.

Product No.: PSR50547
Brand: PureSynth
CAS No.: 7447-40-7
Molecular Formula: KCl
Molecular Weight: 74.55 g/mol

KCl

Test	Specification
Appearance	White Powder or Crystals
Assay	≥ 99.50 %
Loss on drying (at 105°C, 3h)	NMT 0.2 %
pH (5%, 25°C)	5.0-8.0
Water insoluble matter	NMT 0.005 %
Solubility	Colorless Clear Solution
Aluminium (Al)	NMT 1 ppm
Barium (Ba)	NMT 0.001 %
Bromide (Br)	NMT 0.01 %
Calcium (Ca)	NMT 0.001 %
Iron (Fe)	NMT 2 ppm
Iodide (I)	NMT 0.002 %
Magnesium (Mg)	NMT 0.0005 %
Sodium (Na)	NMT 0.02 %
Sulfate (SO ₄)	NMT 20 ppm
Phosphate (PO ₄)	NMT 0.0005 %
Heavy metals (as Pb)	NMT 5 ppm
Free acid (as HCl)	NMT 0.003 %
Free alkali (as KOH)	NMT 0.003 %
Total N	NMT 0.001 %
Iodide (I) test	Complies

Specification: PR-1.0-QA/522

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com