

Certificate of Analysis

Potassium chloride

ACS reagent, ≥99%

Product Number	PSR46033	CAS No.	7447-40-7
Brand	PureSynth	Lot No.	P46033H1224
Molecular Formula	KCl	Date of Mfg.	December,2024
Molecular Weight	74.55 g/mol	Date of Exp.	November,2027

Test	Specification	Result
Appearance (Colour)	White Solid	White Solid
pH (5 %,25°C)	5.4 - 8.6	5.5
Assay	≥ 99.0 %	99.7 %
Calcium (Ca)	NMT 0.002 %	< 0.002 %
Iron (Fe)	NMT 3.0 ppm	< 3.0 ppm
Magnesium (Mg)	NMT 0.001 %	< 0.001 %
Sodium (Na)	NMT 0.005 %	< 0.005 %
Bromide (Br)	NMT 0.01 %	< 0.01 %
Iodide (I)	NMT 0.002 %	< 0.002 %
Phosphate (PO ₄)	NMT 5.0 ppm	< 5.0 ppm
Sulfate (SO ₄)	NMT 0.001 %	< 0.001 %
Insoluble matter	NMT 0.005 %	< 0.005 %

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Condition: Store at room temperature and keep the container tightly closed.

Remark: The batch complies with the prescribed quality of the above specification.

Approved By
Head - Technical

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