

Certificate of Analysis

Product : Potassium Sulfate
Meets ACS Grade
CAS # 7778-80-5
CHEMICAL FORMULA : K₂SO₄

Product Code : CP-F4700D
Lot: 24CP1031
Density: 2.66 g/mL at 20C
F.W. 174.26 g/mol

Specifications	Specifications	Results
Appearance	White crystals	Passed
Identification	To pass test	Passed
Assay (≤ 99.0 %)	≤99.0%	99.36%
pH @ 5%	5.0 - 8.5	6.73
Insoluble (0.01% max)	≤ 0.01%	0.004 %
Total Nitrogen Compounds	≤ 0.0005 %	<0.0005 %
Chloride (0.02% max.)	Pass	<0.02
Heavy metals (as Pb) 5ppm max.	≤5 ppm	< 5 ppm
Iron (Fe) ppm	≤5 ppm	< 5 ppm
Calcium (Ca)	≤ 0.01 %	0.0017 %
Magnesium (Mg)	≤ 0.005 %	0.0003 %
Sodium (Na)	≤0.02 %	0.008 %
Solubility (5% in Water)	clear and colorless	Passed
Grade - ACS	ACS	Passed
BSE/TSE Free	BSE/TSE Free	Passed
Best by		March 9, 2028

F = 10Kg

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