

## Certificate of Analysis

**Product :** Potassium Sulfate  
Meets ACS Grade  
CAS # 7778-80-5  
CHEMICAL FORMULA : K<sub>2</sub>SO<sub>4</sub>

**Product Code :** CP-F4700D  
**Lot:** 26CP0123  
**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%	99.6%
pH @ 5%	5.0 - 8.5	6.2
Insoluble ( 0.01% max )	≤ 0.01%	0.000 %
Total Nitrogen Compounds	≤ 0.0005 %	<0.0005 %
Chloride ( 0.02% max. )	Pass	<0.001
Heavy metals ( as Pb) 5ppm max.	≤5 ppm	< 5 ppm
Iron ( Fe ) ppm	≤5 ppm	< 5 ppm
Calcium ( Ca )	≤ 0.01 %	<0.01 %
Magnesium ( Mg )	≤ 0.005 %	<0.005 %
Sodium ( Na )	≤0.02 %	<0.02 %
Solubility ( 5% in Water )	clear and colorless	Passed
Grade - ACS	ACS	Passed
BSE/TSE Free	BSE/TSE Free	Passed
Best by		Sept 23, 2030

F = 10Kg

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Persons using this information should make their own determination regarding its suitability for their particular use.

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