



Certificate of Analysis

Potassium Sulfate Anhydrous ACS

Catalog Number: PS1005
Lot Number: 0925801
CAS Number: 7778-80-5
Molecular Formula: K_2SO_4
Molecular Weight: 174.26
Storage: 15°C – 30°C
Date of Manufacture: July 6, 2018
Retest Date: July 5, 2023

Test	Specification	Result
Appearance	White crystals	Conforms
Assay ¹	≥ 99.0%	99.42%
Identification	To pass test	Conforms
Solubility (5%, H ₂ O)	Clear & colorless	Conforms
pH (5%) ¹	5.0 – 8.5	6.5
Insoluble Matter ¹	≤ 0.01%	0.004%
Total Nitrogen Compounds ¹	≤ 5ppm	< 5ppm
Chloride ¹	≤ 0.001%	< 0.001%
Heavy Metals (as Pb) ¹	≤ 5ppm	< 5ppm
Iron ¹	≤ 5ppm	< 5ppm
Calcium ¹	≤ 0.01%	0.0088%
Magnesium (Mg) ¹	≤ 0.005%	0.0009%
Sodium (Na) ¹	≤ 0.02%	0.0145%

¹ This batch meets all current ACS specifications.

Approved by:

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Date: September 25, 2018