

Certificate of Analysis

Product: Potassium Sulfate, Lab Grade

Item Number: POSUATGL

Grade: Lab

Lot Number: 5002002/1.1

Manufacture Date: 10/26/2024

Expiration Date: 10/25/2029

Country of Origin: United States

Tested Property	Specification	Analysis
Assay (Dried Basis)	99.0 - 100.5%	100.0%
Identification Reaction	To Pass Test	Passes
Loss on drying (4h, 130C)	≤0.15%	0.03%
Arsenic	≤3 mg/kg	Passes
Lead	≤2 mg/kg	Passes
Mercury	≤1 mg/kg	Passes
pH of 5% solution	5.5 - 8.5	Passes
Chloride	≤40 mg/kg	28 mg/kg
Iron	≤10 mg/kg	<0.1 mg/kg
Sodium	≤1000 mg/kg	36 mg/kg
Sodium Chloride	≤0.040%	0.009%
Alkaline-Earth Metals as Ca	≤500 mg/kg	162 mg/kg
Selenium	≤5 mg/kg	Passes
Calcium	Typ. 110 mg/kg	118 mg/kg
Magnesium	Typ. 10 mg/kg	27 mg/kg
Potassium Sulfate	≥99.6%	99.9%

CAS RN: 7778-80-5

[Potassium Sulfate, Lab Grade](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon

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