



CERTIFICATE OF ANALYSIS

Product Name: **Ammonium Sulfate**
ACS Grade

Catalog Number: A024
Lot Number: 03182003
CAS Number: 7783-20-2

Molecular Formula: $(\text{NH}_4)_2\text{SO}_4$

Formula Weight: 132.14

Storage: 15 to 30°C

Retest Date: 31-MAR-2023

<u>Test</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White Crystalline Powder	PASS
Identification	Pass Test	PASS
Assay	≥ 99.0 %	100.01 %
Solubility (750mg/mL, H ₂ O)	Clear, Colorless Solution	PASS
pH (5 % Solution, H ₂ O)	5.0 - 6.0	5.46
Residue on Ignition	≤ 0.005 %	0.0044 %
Insoluble Matter	≤ 0.005 %	0.003 %
Chloride (Cl)	≤ 5 ppm	< 5 ppm
Iron (Fe)	≤ 5 ppm	< 5 ppm
Heavy Metals (as Pb)	≤ 5 ppm	< 5 ppm
Nitrate (NH ₄)	≤ 0.001 %	< 0.001 %
Phosphate (PO ₄)	≤ 5 ppm	< 5 ppm

This product meets or exceeds the quality standards established by Caisson Laboratories, Inc.

This product is intended for Laboratory Use Only

Prepared by:

Reviewed by:

Becky Kowallis 03/02/2018
Quality Control