

Certificate of Quality

Product Name: Ammonium Sulfate

May be used for the precipitation or fractionation of proteins or for purification of antibodies. Useful for crystallographic analysis of nucleic acids and proteins.

Product Code: A2149 CAS #: 7783-20-2
Grade: Ultra Pure Formula: $(\text{NH}_4)_2\text{SO}_4$
Appearance: White, crystalline powder MW: 132.14
Reassay Date: 3 years after shipping date Lot#: See product label
Storage: Store at room temperature. Protect from moisture.

TEST	SPECIFICATION	RESULT
Purity	$\geq 99.5\%$	Passes
Arsenic	$\leq 0.0001\%$	Passes
Chloride	$\leq 0.0005\%$	Passes
Iron	$\leq 0.0005\%$	Passes
Magnesium Test (P/F)	Passes	Passes
pH (5%, Water) at 25°C	5-6	Passes
Phosphate	$\leq 0.0005\%$	Passes
Selenium	$\leq 0.002\%$	Passes
Residue on Ignition	$\leq 0.005\%$	Passes
Heavy Metals (as Pb)	$\leq 0.0002\%$	Passes
DNase, RNase & Protease	None	None Detected

Data Verified by M. He. Verification Date: 2020-01-06

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