

Certificate of Analysis

Date of Testing: 2024-10-31 09:40:43

Date of Next Testing: 2028-10-30 09:40:43

Product Name: **Ammonium chloride**

CAS Number: 12125-02-9

Specifications & Purity: ACS, $\geq 99.5\%$

Lot #: J2429313

SKU #: **A116371**

Version: **0**

Analysis #: **428986**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Calcium(Ca)	0-0.001 ($\mu\text{g}/\text{mg}$)	0.00 $\mu\text{g}/\text{mg}$
Phosphate(PO_4)	0-0.0002 (%)	0.00 %
Assay	99.5-100 (%)	100.00 %
PH(5% in water, 25°C)	4.5-5.5	5.01
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Sulfate(SO_4^{2-})	0-0.002 (%)	0.00 %
Insoluble matter	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0002 (ppm)	0.00 ppm
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
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