

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-03 14:31:56

Date of Next Testing: 2026-03-24 14:31:56

Product Name: **Ammonium chloride**

CAS Number: 12125-02-9

Specifications & Purity: Suitable for molecular biology, ≥99.5%

Lot #: F2228046

SKU #: **A116372**

Version: **1**

Analysis #: **339440**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity	99.5-100 (%)	99.90000 %
Iron(Fe)	0-0.0002 (%)	0.00009 %
Sulfate(SO42-)	0-0.002 (%)	0.00090 %
Phosphate(PO4)	0-0.0002 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00020 %
Appearance (A116372)	white powder	White powder
DNase, RNase and Protease	None Detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O	Almost transparency	almost transparency



John Su
QA & QC Manager