

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-07 10:30:40

Date of Next Testing: 2029-08-06 10:30:40

Product Name: **Sodium bicarbonate**

CAS Number: 144-55-8

Specifications & Purity: ACS

Lot #: H2505569

SKU #: **S112335**

Version: **1**

Analysis #: **548466**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Magnesium(Mg)	0-0.005 (%)	0.00000 %
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Phosphate(PO4)	0-0.001 (%)	0.00000 %
Sulfate(SO42-)	0-0.003 (%)	0.00000 %
Calcium(Ca)	0-0.02 (%)	0.00000 %
Potassium(K)	0-0.005 (%)	0.00200 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Insoluble matter in H2O	0-0.015 (%)	0.00000 %
Assay	99.7-100.3 (%)	100.11000 %
Chloride (Cl-)	0-0.003 (%)	0.00096 %
Ammonia (NH4)	0-5 (ppm)	5.00000 ppm
Appearance (S112335)	white powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager