

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-20 15:08:34

Date of Next Testing: 2029-08-19 15:08:34

Product Name: **Sodium bicarbonate**

CAS Number: 144-55-8

Specifications & Purity: GR, ≥99.8%

Lot #: H2518706

SKU #: **S112334**

Version: **2**

Analysis #: **535957**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Chloride and Bromide(As Cl-)	0-0.001 (%)	0.00000 %
Calcium(Ca)	0-0.005 (µg/mg)	0.00400 µg/mg
Potassium(K)	0-0.005 (%)	0.00250 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Magnesium(Mg)	0-0.002 (%)	0.00010 %
Insoluble matter in H2O	0-0.005 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Assay	99.8-100 (%)	99.89000 %
Nitrogen content	0-0.0005 (%)	0.00010 %
Sulfate(SO42-)	0-0.002 (%)	0.00000 %
Appearance (S112334)	white powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager