

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-18 09:28:02

Date of Next Testing: 2028-08-17 09:28:02

Product Name: **Sodium bicarbonate**

CAS Number: 144-55-8

Specifications & Purity: anhydrous, ACS, ≥99.7%

Lot #: H2514399

SKU #: **S432108**

Version: **1**

Analysis #: **561140**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter	0-0.015 (%)	0.00000 %
Purity(Titration with HCl)(Dried Basis)	99.7-100.3 (%)	99.99000 %
Chloride (Cl-)	0-0.003 (%)	0.00200 %
Phosphate(PO4)	0-0.001 (%)	0.00000 %
Sulfur Compounds	0-0.003 (%)	0.00000 %
Ammonium	0-5 (ppm)	0.00000 ppm
Heavy metals (as Lead)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-0.001 (%)	0.00000 %
Potassium(K)	0-0.005 (%)	0.00420 %
Calcium(Ca)	0-0.02 (%)	0.00000 %
Magnesium(Mg)	0-0.005 (%)	0.00000 %
Appearance(S432108)	White Powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager