

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-29 10:50:49

Date of Next Testing: 2029-05-28 10:50:49

Product Name: **Sodium bicarbonate**

CAS Number: 144-55-8

Specifications & Purity: AR, ≥99.8%

Lot #: E2520030

SKU #: **S112331**

Version: **3**

Analysis #: **433858**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00000 %
Assay	99.8-100 (%)	99.82000 %
Insoluble matter in H2O	0-0.01 (%)	0.00000 %
Sulfate(SO42-)	0-0.005 (%)	0.00000 %
Potassium(K)	0-0.01 (%)	0.00220 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Magnesium(Mg)	0-0.003 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Chloride (Cl-)	0-0.002 (%)	0.00000 %
Phosphates and silicates(calculated as SiO2)	0-0.005 (%)	0.00000 %
Calcium(Ca)	0-0.007 (%)	0.00000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager