

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-22 08:14:03  
Date of Next Testing: 2029-11-21 08:14:03  
Product Name: **Sodium bicarbonate**  
CAS Number: 144-55-8  
Specifications & Purity: AR, ≥99.8%  
Lot #: K2514775  
SKU #: **S112331**  
Version: **3**  
Analysis #: **600290**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H2O	0-0.01 (%)	0.00000 %
Sulfate(SO42-)	0-0.005 (%)	0.00000 %
Potassium(K)	0-0.01 (%)	0.00060 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Magnesium(Mg)	0-0.003 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Phosphates and silicates(calculated as SiO2)	0-0.005 (%)	0.00090 %
Calcium(Ca)	0-0.007 (%)	0.00000 %
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00080 %
Assay	99.8-100 (%)	99.90000 %
Chloride (Cl-)	0-0.002 (%)	0.00200 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager