

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-30 10:23:58

Date of Next Testing: 2029-12-29 10:23:58

Product Name: **Sodium bicarbonate**

CAS Number: 144-55-8

Specifications & Purity: AR, ≥99.8%, Particle size ≥ 100 mesh

Lot #: L2529323

SKU #: **S683672**

Version: **1**

Analysis #: **627992**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Iron(Fe)	0-0.001 (%)	0.00000 %
Potassium(K)	0-0.01 (%)	0.00070 %
Magnesium(Mg)	0-0.003 (%)	0.00000 %
Calcium(Ca)	0-0.007 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Sulfate(SO42-)	0-0.005 (%)	0.00000 %
Chloride (Cl-)	0-0.002 (%)	0.00000 %
Insoluble matter in H2O	0-0.01 (%)	0.00000 %
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00080 %
Assay(Titration)	99.8-100 (%)	99.84000 %
Phosphates and silicates(calculated as SiO2)	0-0.005 (%)	0.00000 %
Particle size	≥100 (mesh)	100.00000 mesh
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager