

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-24 11:49:47

Date of Next Testing: 2029-07-23 11:49:47

Product Name: **Sodium bicarbonate**

CAS Number: 144-55-8

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

Lot #: G2516077

SKU #: **S683672**

Version: **1**

Analysis #: **547604**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Titration)	99.8-100 (%)	99.81200 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Potassium(K)	0-0.01 (%)	0.00100 %
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 (%)	0.00110 %
Chloride (Cl-)	0-0.002 (%)	0.00000 %
Insoluble matter in H2O	0-0.01 (%)	0.00000 %
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00050 %
Phosphates and silicates(calculated as SiO2)	0-0.005 (%)	0.00000 %
Particle size	≥100 (mesh)	101.01000 mesh
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager