

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-09 13:55:00
Date of Next Testing: 2030-06-08 13:55:00
Product Name: **Sodium bicarbonate**
CAS Number: 144-55-8
Specifications & Purity: AR, ≥99.8%, Particle size ≥ 100 mesh
Lot #: F2604457
SKU #: **S683672**
Version: **1**
Analysis #: **722092**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Titration)	99.8-100 (%)	99.82000 %
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 (%)	0.00080 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Sulfate(SO42-)	0-0.005 (%)	0.00320 %
Chloride (Cl-)	0-0.002 (%)	0.00130 %
Insoluble matter in H2O	0-0.01 (%)	0.00000 %
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00100 %
Phosphates and silicates(calculated as SiO2)	0-0.005 (%)	0.00000 %
Particle size	≥100 (mesh)	101.00000 mesh
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager