

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-17 16:53:39

Date of Next Testing: 2028-06-16 16:53:39

Product Name: **Sodium bicarbonate**

CAS Number: 144-55-8

Specifications & Purity: GR, ≥99.8%

Lot #: F2417103

SKU #: **S112334**

Version: **2**

Analysis #: **370246**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay	99.8-100 (%)	99.82000 %
Chloride and Bromide(As Cl-)	0-0.001 (%)	0.00020 %
Calcium(Ca)	0-0.005 (µg/mg)	0.00200 µg/mg
Potassium(K)	0-0.005 (%)	0.00200 %
Aluminum(Al)	0-0.005 (%)	0.00200 %
Nitrogen by Elemental Analysis	0-0.0005 (%)	0.00020 %
Silicate(SiO3)	0-0.001 (%)	0.00020 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00020 %
Magnesium(Mg)	0-0.002 (%)	0.00020 %
Sulfate(SO42-)	0-0.002 (%)	0.00020 %
Insoluble matter in H2O	0-0.005 (%)	0.00200 %
Iron(Fe)	0-0.0005 (%)	0.00020 %
Phosphate(PO4)	0-0.001 (%)	0.00020 %
Substances reducing iodine(HCOOH)	0-0.005 (%)	0.00200 %
Appearance (S112334)	white powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager