

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2022-07-27 14:45:08
Date of Next Testing: 2026-07-26 14:45:08
Product Name: **Sodium bicarbonate**
CAS Number: 144-55-8
Specifications & Purity: reagent grade, ≥99.8%
Lot #: G2222812
SKU #: **S112331**
Analysis: **118463**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00025 %
Assay	99.8-100 (%)	99.90000 %
Insoluble matter in H ₂ O	0-0.01 (%)	0.00290 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00410 %
Calcium(Ca)	0-0.007 (μg/mg)	0.00500 μg/mg
Potassium(K)	0-0.01 (%)	0.00700 %
Iron(Fe)	0-0.001 (%)	0.00054 %
Magnesium(Mg)	0-0.003 (%)	0.00210 %
Silicate(SiO ₃)	0-0.005 (%)	0.00250 %
Aluminum(Al)	0-0.01 (%)	0.00580 %
Chloride and Bromide(As Cl ⁻)	0-0.002 (%)	0.00100 %
Heavy metal (as Pb)	0-0.001 (%)	0.00056 %
Phosphate(PO ₄)	0-0.002 (%)	0.00140 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager