

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

Certificate of Analysis

Date of Testing: 2022-03-14 09:36:48
Date of Next Testing: 2026-03-13 09:36:48
Product Name: **Sodium bicarbonate**
CAS Number: 144-55-8
Specifications & Purity: reagent grade, ≥99.8%
Lot #: C2203125
SKU #: **S112331**
Analysis: **244027**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00048 %
Assay	99.8-100 (%)	99.99000 %
Insoluble matter in H ₂ O	0-0.01 (%)	0.00400 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00250 %
Calcium(Ca)	0-0.007 (μg/mg)	0.00300 μg/mg
Potassium(K)	0-0.01 (%)	0.00500 %
Iron(Fe)	0-0.001 (%)	0.00036 %
Magnesium(Mg)	0-0.003 (%)	0.00150 %
Silicate(SiO ₃)	0-0.005 (%)	0.00300 %
Aluminum(Al)	0-0.01 (%)	0.00450 %
Chloride and Bromide(As Cl ⁻)	0-0.002 (%)	0.00100 %
Heavy metal (as Pb)	0-0.001 (%)	0.00039 %
Phosphate(PO ₄)	0-0.002 (%)	0.00100 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager