

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

Certificate of Analysis

Date of Testing: 2021-06-24 13:48:33
Date of Next Testing: 2025-06-23 13:48:33
Product Name: **Sodium bicarbonate**
CAS Number: 144-55-8
Specifications & Purity: AR, ≥99.8%
Lot #: F2121329
SKU #: **S112331**
Version: **3**
Analysis #: **019673**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00000 %
Assay	99.8-100 (%)	99.83070 %
Insoluble matter in H ₂ O	0-0.01 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00061 %
Calcium(Ca)	0-0.007 (μg/mg)	0.00103 μg/mg
Potassium(K)	0-0.01 (%)	0.00250 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Magnesium(Mg)	0-0.003 (%)	0.00000 %
Silicate(SiO ₂)	0-0.005 (%)	0.00000 %
Aluminum(Al)	0-0.01 (%)	0.00000 %
Chloride and Bromide(As Cl ⁻)	0-0.002 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Phosphate(PO ₄)	0-0.002 (%)	0.00000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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