

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

Certificate of Analysis

Date of Testing: 2026-09-01 11:44:39
Date of Next Testing: 2030-08-31 11:44:39
Product Name: **Sodium bicarbonate**
CAS Number: 144-55-8
Specifications & Purity: AR, ≥99.8%
Lot #: K2514647
SKU #: **S112331**
Version: **4**
Analysis #: **766236**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay	99.8-100 (%)	99.90000 %
Insoluble matter in H2O	0-0.01 (%)	0.00000 %
Sulfate(SO42-)	0-0.005 (%)	0.00000 %
Potassium(K)	0-0.01 (%)	0.00060 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Magnesium(Mg)	0-0.003 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Chloride (Cl-)	0-0.002 (%)	0.00200 %
Phosphates and silicates(calculated as SiO2)	0-0.005 (%)	0.00090 %
Calcium(Ca)	0-0.007 (%)	0.00000 %
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00080 %
PH(50g/l,25℃)	0-8.6	7.98000
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Clarity test	Pass	Pass

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