

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

Certificate of Analysis

Date of Testing: 2025-08-19 14:14:08
Date of Next Testing: 2029-08-18 14:14:08
Product Name: **Sodium bicarbonate**
CAS Number: 144-55-8
Specifications & Purity: AR, ≥99.8%
Lot #: H2514426
SKU #: **S112331**
Version: **3**
Analysis #: **537867**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.01 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00180 %
Potassium(K)	0-0.01 (%)	0.00420 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Magnesium(Mg)	0-0.003 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Calcium(Ca)	0-0.007 (%)	0.00000 %
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00100 %
Assay	99.8-100 (%)	99.99000 %
Chloride(Cl ⁻)	0-0.002 (%)	0.00200 %
Phosphates and silicates(calculated as SiO ₂)	0-0.005 (%)	0.00000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

