

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

Certificate of Analysis

Date of Testing: 2024-05-23 10:15:22
Date of Next Testing: 2028-05-22 10:15:22
Product Name: **Sodium bicarbonate**
CAS Number: 144-55-8
Specifications & Purity: reagent grade, ≥99.8%
Lot #: E2410470
SKU #: **S112331**
Version: **2**
Analysis #: **361178**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00100 %
Assay	99.8-100 (%)	99.84000 %
Insoluble matter in H2O	0-0.01 (%)	0.00000 %
Sulfate(SO42-)	0-0.005 (%)	0.00000 %
Potassium(K)	0-0.01 (%)	0.00020 %
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 (%)	0.00000 %
Phosphates and silicates(calculated as SiO2)	0-0.005 (%)	0.00000 %
Calcium(Ca)	0-0.007 (%)	0.00000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager