

Certificate of Analysis

Date of Testing: 2023-09-01 15:56:55
Date of Next Testing: 2027-08-31 15:56:55
Product Name: **Sodium bicarbonate**
CAS Number: 144-55-8
Specifications & Purity: reagent grade, ≥99.8%
Lot #: H2318723
SKU #: **S112331**
Analysis: **270545**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00%
Assay	99.8-100 (%)	99.90%
Insoluble matter in H ₂ O	0-0.01 (%)	0.00%
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00%
Calcium(Ca)	0-0.007 (µg/mg)	0.00 µg/mg
Potassium(K)	0-0.01 (%)	0.00%
Iron(Fe)	0-0.001 (%)	0.00%
Magnesium(Mg)	0-0.003 (%)	0.00%
Silicate(SiO ₃)	0-0.005 (%)	0.00%
Aluminum(Al)	0-0.01 (%)	0.00%
Chloride and Bromide(As Cl ⁻)	0-0.002 (%)	0.00%
Heavy metal (as Pb)	0-0.001 (%)	0.00%
Phosphate(PO ₄)	0-0.002 (%)	0.00%
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager