

Certificate of Analysis

Date of Testing: 2025-02-24 19:09:05

Date of Next Testing: 2029-02-23 19:09:05

Product Name: **Sodium bicarbonate**

CAS Number: 144-55-8

Specifications & Purity: AR, ≥99.8%

Lot #: B2517306

SKU #: **S112331**

Version: **2**

Analysis #: **442032**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.01 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Magnesium(Mg)	0-0.003 (%)	0.00 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Phosphates and silicates(calculated as SiO ₂)	0-0.005 (%)	0.00000 %
Calcium(Ca)	0-0.007 (%)	0.00 %
Chloride (Cl ⁻)	0-0.002 (%)	0.00 %
Assay	99.8-100 (%)	99.85 %
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager