

## Certificate of Analysis

Date of Testing: 2022-03-04 17:23:21

Date of Next Testing: 2026-03-03 17:23:21

Product Name: **Sodium bicarbonate**

CAS Number: 144-55-8

Specifications & Purity: reagent grade, ≥99.8%

Lot #: B2226045

SKU #: **S112331**

**Analysis: 080078**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00%
Assay	99.8-100 (%)	99.89%
Insoluble matter in H2O	0-0.01 (%)	0.00%
Sulfate(SO42-)	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(SiO3)	0-0.005 (%)	0.00%
Aluminum(Al)	0-0.01 (%)	0.01%
Chloride and Bromide(As Cl-)	0-0.002 (%)	0.00%
Heavy metal (as Pb)	0-0.001 (%)	0.00%
Phospate(PO4)	0-0.002 (%)	0.00%
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager