

Certificate of Analysis

Date of Testing: 2025-04-11 13:15:50

Date of Next Testing: 2028-04-10 13:15:50

Product Name: **Sodium bicarbonate**

CAS Number: 144-55-8

Specifications & Purity: anhydrous, ACS, ≥99.7%

Lot #: D2501535

SKU #: **S432108**

Version: **1**

Analysis #: **496816**

Parameter	Limit Values	Result
Insoluble matter	0-0.015 (%)	0.00 %
Purity(Titration with HCl)(Dried Basis)	99.7-100.3 (%)	99.85000 %
Chloride (Cl-)	0-0.003 (%)	0.00000 %
Phosphate(PO4)	0-0.001 (%)	0.00000 %
Sulfur Compounds	0-0.003 (%)	0.00000 %
Ammonium	0-5 (ppm)	0.20000 ppm
Heavy metals (as Lead)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-0.001 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.02 (%)	0.00 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Appearance(S432108)	White Powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager