

Certificate of Analysis

Date of Testing: 2024-11-07 16:16:34
Date of Next Testing: 2027-11-07 16:16:34
Product Name: **Sodium bicarbonate**
CAS Number: 144-55-8
Specifications & Purity: anhydrous, ACS, ≥99.7%
Lot #: K2406151
SKU #: **S432108**
Version: **1**
Analysis #: **433122**

Parameter	Limit Values	Result
Insoluble matter	0-0.015 (%)	0.00 %
Purity(Titration with HCl)(Dried Basis)	99.7-100.3 (%)	100.18000 %
Chloride (Cl-)	0-0.003 (%)	0.00100 %
Phosphate(PO4)	0-0.001 (%)	0.00001 %
Sulfur Compounds	0-0.003 (%)	0.00041 %
Ammonium	0-5 (ppm)	1.33060 ppm
Heavy metals (as Lead)	0-5 (ppm)	4.40000 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