

Certificate of Analysis

Date of Testing: 2023-12-15 15:50:07

Date of Next Testing: 2027-12-14 15:50:07

Product Name: **Sodium carbonate monohydrate**

CAS Number: 5968-11-6

Specifications & Purity: ACS

Lot #: L2311049

SKU #: **S113834**

Analysis: **299518**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Chloride (Cl-)	0-10 (ppm)	0.00 ppm
Loss on drying	13-15 (%)	14.02 %
Phosphate(PO4)	0-5 (ppm)	0.00 ppm
Heavy metal (as Pb)	0-5 (ppm)	4.35 ppm
Insoluble matter	0-0.01 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	13.22 ppm
Purity	99.5-100 (%)	99.98 %
Silicon dioxide (SiO2)	0-50 (ppm)	0.00 ppm
Magnesium(Mg)	0-50 (ppm)	0.00 ppm
Sulfate(SO42-)	0-0.004 (%)	0.00 %
Calcium(Ca)	0-300 (ppm)	0.00 ppm
Appearance (S113834)	White crystal powder	White crystal powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager