

Certificate of Analysis

Date of Testing: 2023-07-03 13:03:48

Date of Next Testing: 2027-07-02 13:03:48

Product Name: **Sodium carbonate monohydrate**

CAS Number: 5968-11-6

Specifications & Purity: ACS

Lot #: F2316109

SKU #: **S113834**

Analysis: **120381**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Chloride (Cl-)	0-10 (ppm)	5.20 ppm
Loss on drying	13-15 (%)	14.30 %
Phosphate(PO4)	0-5 (ppm)	2.33 ppm
Heavy metal (as Pb)	0-5 (ppm)	2.41 ppm
Insoluble matter	0-0.01 (%)	0.01 %
Iron(Fe)	0-5 (ppm)	3.10 ppm
Potassium(K)	0-50 (ppm)	25.40 ppm
Purity	99.5-100 (%)	99.98 %
Silicon dioxide (SiO2)	0-50 (ppm)	22.54 ppm
Magnesium(Mg)	0-50 (ppm)	25.60 ppm
Sulfate(SO42-)	0-0.004 (%)	0.00 %
Calcium(Ca)	0-300 (ppm)	100.00 ppm
Appearance (S113834)	White crystal powder	White crystal powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager