

Certificate of Analysis

Date of Testing: 2024-06-18 13:58:00

Date of Next Testing: 2028-06-17 13:58:00

Product Name: **Sodium carbonate monohydrate**

CAS Number: 5968-11-6

Specifications & Purity: ACS

Lot #: J1608008

SKU #: **S113834**

Version: **0**

Analysis #: **371000**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Chloride (Cl-)	0-10 (ppm)	4.36 ppm
Loss on drying	13-15 (%)	13.58 %
Phosphate(PO4)	0-5 (ppm)	2.57 ppm
Heavy metal (as Pb)	0-5 (ppm)	1.97 ppm
Insoluble matter	0-0.01 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	2.48 ppm
Potassium(K)	0-50 (ppm)	29.18 ppm
Purity	99.5-100 (%)	99.53 %
Silicon dioxide (SiO2)	0-50 (ppm)	27.00 ppm
Magnesium(Mg)	0-50 (ppm)	36.00 ppm
Sulfate(SO42-)	0-0.004 (%)	0.00 %
Calcium(Ca)	0-300 (ppm)	186.00 ppm
Appearance (S113834)	White crystal powder	White crystal powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager