

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-10 16:31:24

Date of Next Testing: 2028-12-09 16:31:24

Product Name: **Sodium carbonate monohydrate**

CAS Number: 5968-11-6

Specifications & Purity: ACS

Lot #: B2102272

SKU #: **S113834**

Version: **0**

Analysis #: **446829**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Chloride (Cl-)	0-10 (ppm)	0.30 ppm
Loss on drying	13-15 (%)	13.20 %
Phosphate(PO4)	0-5 (ppm)	0.60 ppm
Heavy metal (as Pb)	0-5 (ppm)	0.40 ppm
Insoluble matter	0-0.01 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	1.30 ppm
Potassium(K)	0-50 (ppm)	1.01 ppm
Purity	99.5-100 (%)	99.60 %
Silicon dioxide (SiO2)	0-50 (ppm)	1.31 ppm
Magnesium(Mg)	0-50 (ppm)	1.54 ppm
Sulfate(SO42-)	0-0.004 (%)	0.00 %
Calcium(Ca)	0-300 (ppm)	3.10 ppm
Appearance (S113834)	White crystal powder	White crystal powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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

John Su
QA & QC Manager