

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-06-14 14:57:31
Date of Next Testing:	2027-06-14 14:57:31
Product Name:	Sodium hydrogen carbonate
CAS Number:	144-55-8
Specifications & Purity:	Ph. Eur., BP, JP, USP, E 500
Lot #:	F2413206
SKU #	S432111
Version	1
Analysis #:	363616
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
PH(5% in water)	7.9-8.4	8.35
Chloride (Cl ⁻)	0-150 (ppm)	8.00 ppm
Sulfate(SO ₄ ²⁻)	0-150 (ppm)	0.00 ppm
Heavy metals(as Pb)	0-5 (ppm)	0.00 ppm
Aluminium(Al)	0-1 (ppm)	0.00000 ppm
Arsenic(As)	0-2 (ppm)	0.00000 ppm
Calcium(Ca)	0-100 (ppm)	21.00 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-20 (ppm)	0.00 ppm
Mercury(Hg)	0-1 (ppm)	0.00 ppm
Lead(Pb)	0-2 (ppm)	0.00 ppm
Loss on drying (on silicagel, 4h)	0-0.25 (%)	0.09900 %
Purity(Titration by HCl)	99.5-100.5 (%)	100.28 %
Ammonium(NH ₄)	0-20 (ppm)	20.00000 ppm
Appearance(S432111)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Carbonate(CO ₃)	Pass	Pass



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager