

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-04 15:38:37  
Date of Next Testing: 2028-08-03 15:38:37  
Product Name: **Sodium hydrogen carbonate**  
CAS Number: 144-55-8  
Specifications & Purity: PharmPure™, USP, JP, BP, Ph.Eur.  
Lot #: H2501656  
SKU #: **S432111**  
Version: **1**  
Analysis #: **519139**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by HCl)	99.5-100.5 (%)	100.45000 %
PH(5% in water)	7.9-8.4	8.29000
Chloride (Cl-)	0-150 (ppm)	24.00000 ppm
Sulfate(SO42-)	0-150 (ppm)	0.00000 ppm
Heavy metals(as Pb)	0-5 (ppm)	0.00000 ppm
Aluminium(Al)	0-1 (ppm)	0.00000 ppm
Arsenic(As)	0-2 (ppm)	0.00000 ppm
Calcium(Ca)	0-100 (ppm)	0.00000 ppm
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-20 (ppm)	0.00000 ppm
Mercury(Hg)	0-1 (ppm)	0.00000 ppm
Lead(Pb)	0-2 (ppm)	0.00000 ppm
Loss on drying (on silicagel, 4h)	0-0.25 (%)	0.04000 %
Ammonium(NH4)	0-20 (ppm)	20.00000 ppm
Appearance(S432111)	white powder	White powder
Carbonate(CO3)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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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