

Certificate of Analysis

Date of Testing:	2025-05-05 10:13:11
Date of Next Testing:	2028-05-04 10:13:11
Product Name:	Sodium hydrogen carbonate
CAS Number:	144-55-8
Specifications & Purity:	PharmPure™, USP, JP, BP, Ph.Eur.
Lot #:	D2518454
SKU #	S432111
Version	1
Analysis #:	492188
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
PH(5% in water)	7.9-8.4	8.07
Chloride (Cl-)	0-150 (ppm)	0.00 ppm
Sulfate(SO42-)	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)	0.00 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 (%)	0.05200 %
Purity(Titration by HCl)	99.5-100.5 (%)	99.58 %
Ammonium(NH4)	0-20 (ppm)	20.00000 ppm
Appearance(S432111)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Carbonate(CO3)	Pass	Pass



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager