

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-29 09:50:04  
 Date of Next Testing: 2028-01-28 09:50:04  
 Product Name: **Sodium salicylate**  
 CAS Number: 54-21-7  
 Specifications & Purity:  $\geq 99.5\%$  (NT)  
 Lot #: A2419568  
 SKU #: **S104176**  
**Analysis:** **318840**  
 Storage Temperature: Protected from light

Parameter	Limit Values	Result
Lead(Pb)	0-5 (ppm)	0.00 ppm
loss on drying, 110 °C	0-0.5 (%)	0.12 %
Cobalt(Co)	0-5 (ppm)	0.00 ppm
Sulfate(SO42-)	0-600 (ppm)	230.00 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Chloride (Cl-)	0-100 (ppm)	6.00 ppm
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	42.00 ppm
Purity(Titration by HClO4)	99.5-100.5 (%)	99.51 %
Manganese(Mn)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-10 (ppm)	0.00 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-25 (ppm)	0.00 ppm
Calcium(Ca)	0-50 (ppm)	16.50 ppm
Zinc(Zn)	0-25 (ppm)	0.00 ppm
Appearance (S104176)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless to Faint Yellow Clear ,50 mg/mL, H2O	pass	Pass



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su  
QA & QC Manager