

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-15 09:14:25  
 Date of Next Testing: 2029-05-14 09:14:25  
 Product Name: **Sodium salicylate**  
 CAS Number: 54-21-7  
 Specifications & Purity: AR, ≥99.5%(NT)  
 Lot #: D2517556  
 SKU #: **S104176**  
 Version: **2**  
 Analysis #: **492541**  
 Storage Temperature: Protected from light, Room temperature

| Parameter                                                          | Limit Values                          | Result                                |
|--------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Lead(Pb)                                                           | 0-5 (ppm)                             | 0.00000 ppm                           |
| loss on drying, 110 °C                                             | 0-0.5 (%)                             | 0.08000 %                             |
| Cobalt(Co)                                                         | 0-5 (ppm)                             | 0.00000 ppm                           |
| Sulfate(SO42-)                                                     | 0-600 (ppm)                           | 45.00000 ppm                          |
| Copper(Cu)                                                         | 0-5 (ppm)                             | 0.00000 ppm                           |
| Chloride (Cl-)                                                     | 0-100 (ppm)                           | 2.50000 ppm                           |
| Chromium(Cr)                                                       | 0-5 (ppm)                             | 0.00000 ppm                           |
| Potassium(K)                                                       | 0-50 (ppm)                            | 2.00000 ppm                           |
| Purity(Titration by HClO4)                                         | 99.5-100.5 (%)                        | 100.11000 %                           |
| Manganese(Mn)                                                      | 0-5 (ppm)                             | 0.00000 ppm                           |
| Iron(Fe)                                                           | 0-10 (ppm)                            | 0.00000 ppm                           |
| Cadmium(Cd)                                                        | 0-5 (ppm)                             | 0.00000 ppm                           |
| Nickel(Ni)                                                         | 0-5 (ppm)                             | 0.00000 ppm                           |
| Magnesium(Mg)                                                      | 0-25 (ppm)                            | 0.00000 ppm                           |
| Calcium(Ca)                                                        | 0-50 (ppm)                            | 0.00000 ppm                           |
| Zinc(Zn)                                                           | 0-25 (ppm)                            | 0.00000 ppm                           |
| Appearance (S104176)                                               | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Solubility in H2O , Colorless to Faint Yellow Clear ,50 mg/mL, H2O | 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".

John Su  
QA & QC Manager