

Certificate of Analysis

Date of Testing: 2022-01-20 13:22:09
 Date of Next Testing: 2026-01-19 13:22:09
 Product Name: **Sodium salicylate**
 CAS Number: 54-21-7
 Specifications & Purity: Analytical Reagent, ≥99.5% (NT)
 Lot #: A2219052
 SKU #: **S104176**
 Analysis: **053172**

Parameter	Limit Values	Result
Lead(Pb)	0-5 (ppm)	0.00 ppm
Cobalt(Co)	0-5 (ppm)	0.00 ppm
Sulfate(SO42-)	0-600 (ppm)	0.00 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Chloride (Cl-)	0-100 (ppm)	20.00 ppm
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	25.00 ppm
Purity(Titration by HClO4)	99.5-100.5 (%)	99.74 %
Manganese(Mn)	0-5 (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)	4.00 ppm
Calcium(Ca)	0-50 (ppm)	20.70 ppm
Zinc(Zn)	0-25 (ppm)	0.00 ppm
loss on drying, 110 °C	0-0.5 (%)	0.49 %
Iron(Fe)	0-10 (ppm)	9.40 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

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

John Su
QA & QC Manager