

Certificate of Analysis

Date of Testing: 2023-10-16 11:26:13

Date of Next Testing: 2027-10-15 11:26:13

Product Name: **Sodium salicylate**

CAS Number: 54-21-7

Specifications & Purity: $\geq 99.5\%$ (NT)

Lot #: J2310604

SKU #: **S104176**

Analysis: 285828

Parameter	Limit Values	Result
Lead(Pb)	0-5 (ppm)	0.00 ppm
loss on drying, 110 °C	0-0.5 (%)	0.29 %
Cobalt(Co)	0-5 (ppm)	0.00 ppm
Sulfate(SO42-)	0-600 (ppm)	85.00 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Chloride (Cl-)	0-100 (ppm)	59.00 ppm
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	0.00 ppm
Purity(Titration by HClO4)	99.5-100.5 (%)	99.65 %
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)	0.00 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

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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