

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-17 09:53:34

Date of Next Testing: 2027-04-16 09:53:34

Product Name: **Sulfanilamide**

CAS Number: 63-74-1

Specifications & Purity: AR, Moligand™, ≥99%

Lot #: G1904136

SKU #: **S108473**

Version: **1**

Analysis #: **212030**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Chloride (Cl-)	0-100 (ppm)	45.00000 ppm
Heavy metal (as Pb)	0-0.002 (%)	0.00100 %
Melting point	163-167 (°C)	166.67000 °C
loss on drying, 105 °C	0-0.5 (%)	0.05415 %
Purity(Titration by HClO ₄)(calc. to the dried substance)	99-100 (%)	99.96000 %
Sulfate(SO ₄ ²⁻)	0-200 (ppm)	100.00000 ppm
Purity(HPLC)	99-100 (%)	99.74080 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.03500 %
Appearance (S108473)	White to off-white solid	White to off-white solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 0.5 M HCl , Colorless to Faint Yellow Clear, 50 mg/ml	pass	Pass



John Su
QA & QC Manager