

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-12 16:51:50
 Date of Next Testing: 2027-05-11 16:51:50
 Product Name: **Sulfanilamide**
 CAS Number: 63-74-1
 Specifications & Purity: AR, Moligand™, ≥99%
 Lot #: D23261111
 SKU #: **S108473**
 Version: **1**
 Analysis #: **162030**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Chloride (Cl-)	0-100 (ppm)	50.00000 ppm
Heavy metal (as Pb)	0-0.002 (%)	0.00100 %
Melting point	163-167 (°C)	165.50000 °C
loss on drying, 105 °C	0-0.5 (%)	0.02000 %
Purity(Titration by HClO ₄)(calc. to the dried substance)	99-100 (%)	99.60000 %
Sulfate(SO ₄ ²⁻)	0-200 (ppm)	100.00000 ppm
Ignition Residue (as sulfate)	0-0.1 (%)	0.05000 %
Purity(HPLC)	98-100 (%)	99.60000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (S108473)	White to off-white solid	White to off-white solid
Solubility in 0.5 M HCl , Colorless to Faint Yellow Clear, 50 mg/ml	pass	Pass



John Su
QA & QC Manager