

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-17 15:42:07

Date of Next Testing: 2028-07-16 15:42:07

Product Name: Sulfamethizole

CAS Number: 144-82-1

Specifications & Purity: ≥98%

Lot #: G2412211

SKU #: S128341

Version: 1

Analysis #: 338188

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	208-211 (°C)	208.20000 °C
Purity(HPLC)	98-100 (%)	98.57000 %
Purity(Neutralization titration)	98.5-101.5 (%)	98.57000 %
Appearance (S128341)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Solubility in Acetone	almost transparency	almost transparency
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager