

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-11 14:47:53

Date of Next Testing: 2027-04-10 14:47:53

Product Name: **Sulfamethizole**

CAS Number: 144-82-1

Specifications & Purity: $\geq 98\%$

Lot #: D2306803

SKU #: **S128341**Version: **1**Analysis #: **204784**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	208-211 (°C)	208.51000 °C
Purity(HPLC)	98-100 (%)	99.95500 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.96000 %
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