

Certificate of Analysis

Date of Testing: 2025-03-04 11:48:40

Date of Next Testing: 2029-03-03 11:48:40

Product Name: **Sulfamethizole**

CAS Number: 144-82-1

Specifications & Purity: $\geq 98\%$

Lot #: B2528168

SKU #: **S128341**

Version: **1**

Analysis #: **329219**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.97400 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.96 %
Melting point	208-211 (°C)	208.06000 °C
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