

Certificate of Analysis

Date of Testing: 2024-04-01 16:23:44

Date of Next Testing: 2028-03-31 16:23:44

Product Name: **Sulfamethizole**

CAS Number: 144-82-1

Specifications & Purity: $\geq 98\%$

Lot #: C2426336

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



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QA & QC Manager