

Certificate of Analysis

Date of Testing: 2023-07-10 15:25:50
Date of Next Testing: 2025-07-09 15:25:50
Product Name: **Spermine**
CAS Number: 71-44-3
Specifications & Purity: for cell culture, ≥98.0%(GC)
Lot #: J2111007
SKU #: **S113079**
Version: **0**
Analysis #: **249478**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.16 %
Appearance (S113079)	clear or white amorphous semisolid	clear or white amorphous semisolid
Cell Culture Test	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear colorless ,50 mg/ml in water	pass	Pass



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QA & QC Manager