

Certificate of Analysis

Date of Testing: 2022-09-14 14:53:27
Date of Next Testing: 2024-09-13 14:53:27
Product Name: **Spermine**
CAS Number: 71-44-3
Specifications & Purity: for cell culture, ≥98.0%(GC)
Lot #: I2207118
SKU #: **S113079**
Analysis: **118592**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.90%
Cell Culture Test	pass	Pass
Solubility in H ₂ O , clear colorless ,50 mg/ml in water	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (S113079)	clear or white amorphous semisolid	clear or white amorphous semisolid



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QA & QC Manager