

Certificate of Analysis

Date of Testing: 2025-08-02 15:19:21

Date of Next Testing: 2027-08-02 15:19:21

Product Name: **Spermine**

CAS Number: 71-44-3

Specifications & Purity: Moligand™, for cell culture, ≥98%(GC)

Lot #: H2501683

SKU #: **S113079**

Version: **0**

Analysis #: **547869**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.70 %
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



John Su
QA & QC Manager