

Certificate of Analysis

Date of Testing: 2025-07-23 09:06:04

Date of Next Testing: 2027-07-23 09:06:04

Product Name: **Spermine**

CAS Number: 71-44-3

Specifications & Purity: Moligand™, ≥98%

Lot #: G2510088

SKU #: **S109704**

Version: **0**

Analysis #: **547232**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.23 %
Water by Karl Fischer	0-3 (%)	0.47 %
Appearance (S109704)	White solid or amorphous semi-solid	White solid or amorphous semi-solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear colorless solution at 50mg/ml	pass	Pass



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QA & QC Manager