



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-25 17:13:16

Date of Next Testing: 2027-10-24 17:13:16

Product Name: **Spermidine**

CAS Number: 124-20-9

Specifications & Purity: Moligand™, ≥99%

Lot #: J2324034

SKU #: **S107071**

Version: **1**

Analysis #: **131374**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Spermine	0-0.2 (%)	0.12000 %
Purity(GC)	99-100 (%)	99.70000 %
Water by Karl Fischer	0-1 (%)	0.10000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow, Clear to Hazy, c=5%	pass	Pass
Appearance (S107071)	Colorless to pale yellow liquid or solid	Colorless to pale yellow liquid or solid

John Su
QA & QC Manager