

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-18 15:34:46
 Date of Next Testing: 2026-10-17 15:34:46
 Product Name: **Spermidine**
 CAS Number: 124-20-9
 Specifications & Purity: Moligand™, ≥99%
 Lot #: J2211016
 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