

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-03 14:23:51
Date of Next Testing: 2028-04-02 14:23:51
Product Name: **Spermine**
CAS Number: 71-44-3
Specifications & Purity: Moligand™, for cell culture, ≥98%(GC)
Lot #: C2631506
SKU #: **S113079**
Version: **0**
Analysis #: **680305**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.79300%
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