

Certificate of Analysis

Date of Testing: 2024-06-20 12:43:28
Date of Next Testing: 2026-06-20 12:43:28
Product Name: **Spermine**
CAS Number: 71-44-3
Specifications & Purity: for cell culture, ≥98.0%(GC)
Lot #: I2207122
SKU #: **S113079**
Version: **0**
Analysis #: **372890**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|--|---------------------------------------|---------------------------------------|
| Purity(GC) | 98-100 (%) | 98.90% |
| 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 |



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