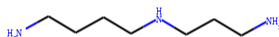


Certificate of Analysis



Product Name	Spermidine	Batch No.	R24F03019
CAS No.	124-20-9	MFG. Date	Mar 01, 2024
CAT No.	R055149	Retest Date	Feb 28, 2026
Items	Specification	Results	
Appearance	Colorless transparent liquid (25°C)	Conforms	
Identification	¹ HNMR confirms to structure	Conforms	
Water	≤5.0%	2.9%	
Residue on ignition	≤0.2%	0.04%	
Heavy metals	≤10 ppm	<10ppm	
Pb	≤0.5 ppm	<0.05ppm	
As	≤1.5 ppm	<0.005ppm	
Purity (GC)	≥ 98.0%	99.91%	
Conclusion	The above substance has been tested according to In-house standards, and it meets requirements.		
Storage Condition	Keep sealed, dry and away from light, storage at 2°C to 8°C.		

QC: Alex Foster

QA: Felix Hobart