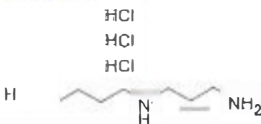


Certificate of Analysis

Compound Information

Product Name	Spermidine Trihydrochloride	Source: Wheat germ extract
Cas. NO.	334-50-9	
Molecular Formula	C ₇ H ₂₂ Cl ₃ N ₃	
Molecular Weight	254.63	
Chemical Structure		

Batch Information

Batch NO	HB.20250715
Storage	Store at room temperature, away from sunlight and air
Test Date	20250715

QC Summary

Item	Specification	Result
Appearance	Solid white powder	Solid white powder
Odor&Taste	Characteristic	Characteristic
Assay (NMR)	95.0%-105.0%	99.26%
Purity (GC)	≥99.0%	99.66%
Moisture	≤1.0%	0.36%
pH	5-7	5.8
Residue on ignition	≤0.2%	0.04%
Assay (Cl ⁻)	40.0%-42.0%	41.44%
Sieve		
Heavy Metals	<10 ppm	Qualified
Lead (Pb)	<0.5 ppm	<0.05 ppm
Arsenic (As)	<0.5 ppm	<0.05 ppm
Cadmium (Cd)	<0.5 ppm	<0.01 ppm
Mercury (Hg)	<0.1 ppm	<0.005 ppm
Total Plate Count	< 1000 cfu/g	< 10 cfu/g
Yeast & Mold	< 100 cfu/g	< 10 cfu/g
E.Coli	Negative	Negative
Salmonella	Negative	Negative
S.Aureus	Negative	Negative



Analyst : Li Ping

QC Supervisor: Cui LangJun