

Test Report

Product information			
Product name	Spermidine trihydrochloride		
Batch number	ZLX230914	CAS#	334-50-9
Date of manufacture	On September 14, 2023	Quality Guarantee period	24 Months
Yieldly	China		
Clauses and subclauses	parameter	Specification	test method
Basis			
Purity	≥98.0%	99.05%	HPLC
Product indicators			
Ingredient	The HNMR testing is qualified	accord with	HNMR
Appearance	White to rice-white powder	accord with	visualization
Solubility	soluble in water	accord with	self testing
Loss on drying	≤2.0%	0.90%	self testing
Burning residue	≤0.2%	0.05%	self testing
Residual solvent	The methanol does not exceed 3,000 ppm	accord with	ChP
Heavy metal residue			
Pb lead	≤0.5ppm	accord with	self testing
As arsenic	≤0.5ppm	accord with	self testing
Cd cadmium	≤0.5ppm	accord with	self testing
Hg mercury	≤1.5ppm	accord with	self testing
Microbiological residues			
Total plate count	Not more than 1000 cfu / g	accord with	US -NF 2022
Yeast and mold	Not more than 100 cfu / g	accord with	US -NF 2022
Salmonella	negative	accord with	US -NF 2022
Colibacillus	negative	accord with	US -NF 2022
Packaging and storage			
Pack	Sealed in 25kg paper bucket		
Storage means	Keep sealed in dry and dark environment at room temperature.		

Reported by / Date : 2023/9/7

Received by / Date : 2023/9/7

Approved by/ Date : 2023/9/8