



上海诺创生物科技有限公司

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CERTIFICATE OF ANALYSIS

Product Name: Spermidine Trihydrochloride (Spermidine 3HCl)
Batch Number: 20240217 Batch Quantity: 50KG
Manufacture Date: 2024-02-17 Expiry Date: 2026-02-16

ITEMS	SPECIFICATION	RESULTS
Appearance	White to off-white powder	Conforms
Odor & Taste	Characteristic	Conforms
Assay	Sperimidine 3HCl NLT 98.0%	Conforms
Identification	HNMR Correspond to WRS	Conforms
	The retention time correspond to the reference standard	Conforms
Melting point	257-259°C	258.4-258.9°C
Particle Size	NLT 95% pass 80 mesh	Conforms
Loss on drying	1.0% Max	0.50%
Residue on Ignition	1.0% Max	0.16%
Heavy metals (Pb)	10ppm Max	Conforms
Pb	2ppm Max	Conforms
As	2ppm Max	Conforms
Cd	1ppm Max	Conforms
Hg	0.1ppm Max	Conforms
Total plate count	1000cfu/g Max	Conforms
Molds and Yeast	100cfu/g Max	Conforms
E.coli	Negative	Negative
Salmonella	Negative	Negative
Conclusion	This product inspection accords with the above standard.	
Storage	Store in cool & dry place, keep away from strong light and heat.	

Shawn

Rick

Whip

Analyst

Approved

Header of QC