



XI'AN JULONG BIO-TECH CO.,LTD

Address:FULI BAILU BAY ,BAQIAO DISTRICT ,XI'AN,SHAANXI PROVINCE, CHINA.

Tel:+86-02983614387

Certificate of Analysis--Spermidine Trihydrochloride

Product Name	Spermidine Trihydrochloride	Batch No	JL-20210112
Quantity	10Kg	Analysis Date	Jan,13th,2021
Mfg. Date	Jan,12th,2021	Exp. Date	Jan,11th,2023
Package	25KG per drum	Standard	GMP/USP/EP
Item	Specification	Result	
Appearance	White powder	Complies	
Related substance (HPLC)	98%min	99.8%	
Odor	Characteristic	Complies	
Assay	98%	98.22%	
Sieve analysis	100% pass 80 mesh	Complies	
Heavy Metal	<10ppm	Complies	
As	<0.1ppm	0.05ppm	
Pb	<0.1ppm	0.05ppm	
Cd	<0.1ppm	0.05ppm	
Residual Solvents	<100ppm	Complies	
Residual Pesticide	Negative	Complies	
Total Plate Count	<1000cfu/g	Complies	
Yeast & Mold	<100cfu/g	Complies	
E.Coli	Negative	Complies	
Salmonella	Negative	Complies	

QC MANAGER: 董卓

INSPECTOR: 张赞

ANALYST: 王胜利

