



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Spermidine Trihydrochloride

CAS 334-50-9

Batch Number: *FTF20260317* Batch Quantity: 135kg

Manufacture Date: Mar.15th,2026 Analysis Date: Mar.16th,2026 Certificate Date: Mar.17th,2026

Storage Store in cool & dry place. Store in well-closed containers.
Shelf life 3 years when properly stored.

Item	Specification	Result
Appearance	White crystalline powder	Conforms
Identification (HPLC)	Consistent with reference standard	Conforms
Purity (HPLC)	≥99.0%	99.42%
Water Content	≤1.0%	0.35%
Melting Point	256 ~ 260°C	257.5°C
pH (1% aqueous solution)	3.0 ~ 5.0	3.6
Heavy Metals (Total)	≤10 ppm	<5 ppm
Lead (Pb)	≤2 ppm	<0.5 ppm
Arsenic (As)	≤1 ppm	<0.2 ppm
Cadmium (Cd)	≤1 ppm	<0.2 ppm
Mercury (Hg)	≤0.1 ppm	<0.05 ppm
Residue on Ignition	≤0.1%	0.04%

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

