

CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-202817 Lot Number: SAMPLE

Product Name: Spermine, Tetrahydrochloride

CAS Number: 306-67-2 Molecular Formula: $C_{10}H_{26}N_4$ •4HCl

Molecular Weight: 348.3

Test	Specification	Result
Appearance	White to slight yellow crystalline powder	Slight yellow crystalline powder
Identification		Complies
Purity (Titration)	≥ 99%	100.1%
рН	4.5 - 7.0 (1% in H ₂ O)	4.82 (1% in H ₂ O)
Solubility	Clear at 10% in H ₂ O	Clear at 10% in H ₂ O

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