



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

Catalogue Number	BIO-357
Product	Spermine tetrahydrochloride
Lot Number	002761-22031153 Gerontine tetrahydrochloride
CAS Number	306-67-2
Molecular Formula	$C_{10}H_{26}N_4 \cdot 4HCl$
Molecular Weight	348.18

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Appearance	White crystalline powder
Water Content (Karl Fisher)	0.33%
pH	6.1
Assay by titration	99.2%
Storage	Store at 0 - 8 °C

Prepared by:  
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Ramesh Mandadi  
Director of Operations

Reviewed and Approved by:  
*Sujata Moton*  
Sujata Moton  
VP