



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	BIO-055
Product	D-Biotin
Lot Number	002036-1902030 Vitamin H
CAS Number	58-85-5
Molecular Formula	C ₁₀ H ₁₆ N ₂ O ₃ S
Molecular Weight	244.31

Appearance	White crystalline powder
Solubility	Very slightly soluble in water and in alcohol, insoluble in other common organic solvents.
Mould and Yeast	< 10 cfu/g
Optical Rotation	[α] _D ²⁰ = 90.7 °
Infrared Spectrum	Conforms to structure
Residual Solvents	< 20 ppm (Toluene)
Coliform Organisms	Negative
E. Coli, Salmonella, S.Aureus	Negative
Microbial Count	< 10 cfu/g (TPC)
Related Substances	Individual impurity : Not detected Total impurities : Not detected
Purity by HPLC	99.3%
Grade	USP
Storage	Store at 0 - 8 °C

Prepared by:
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Ramesh Mandadi
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Reviewed and approved by:
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VP