



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalogue Number	BIO-055
Product	<b>D-Biotin</b>
Lot Number	003168-23011005 Vitamin H  D-cis-Hexahydro-2-oxo-1H-thieno[3,4-d]imidazole-4-pentanoic acid
CAS Number	58-85-5
Molecular Formula	C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> S
Molecular Weight	244.31
Appearance	White crystalline powder
Heavy Metals	Lead (Pb) : < 0.5 mg/kg Cadmium (Cd) : < 0.5 mg/kg Arsenic (As) : < 0.5 mg/kg Mercury (Hg) : < 0.1 mg/kg
Yeast and Mold	< 10 cfu/g
Optical Rotation	[α] <sub>D</sub> <sup>20</sup> = 90.6 ° (C=20 mg/ml in 0.1 N NaOH)
E. Coli, Salmonella, S.Aureus	Negative
Microbial Count	< 100 cfu/g (TAMC)
Related Substances	Individual impurity : 0.14% Total impurities : 0.14%
Assay	99.5%
Grade	Meets USP Specification
Storage	Store at 0 - 8 °C

Prepared by:  
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