



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

Catalogue Number BIO-055  
Lot Number 003168-0520120007  
Product **D-Biotin**

Vitamin H

CAS Number 58-85-5  
Molecular Formula  $C_{10}H_{16}N_2O_3S$

Molecular Weight 244.31

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Appearance	White or off-white crystalline powder
Heavy Metals	< 10 mg/kg
Optical Rotation	$[\alpha]_D^{20} = 90.5^\circ$
Infrared Spectrum	Conforms to structure
Loss on Drying	0.05%
Organic Volatile Impurities	Passes test
Related Substances	Individual impurity : < 1% Total impurities : < 2%
Purity by HPLC	99.8%
Grade	USP
Storage	Store at 0 - 8 °C

Prepared by:  
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