



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Certificate of Analysis

Catalogue Number BIO-055
Product **D-Biotin**

Lot Number 003168-20071029
 Vitamin H

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

Molecular Weight 244.31

Appearance White crystalline powder

Heavy Metals Lead : < 0.5 mg/kg
 Cadmium : < 0.5 mg/kg
 Arsenic : < 0.5 mg/kg
 Mercury : < 0.1 mg/kg

Yeast and Mold < 10 cfu/g

Optical Rotation $[\alpha]_D^{20} = 90.4^\circ$

Infrared Spectrum Conforms to structure

E. Coli, Salmonella,
S.Aureus Negative

Microbial Count < 100 cfu/g (TAMC)

Related Substances Individual impurity : 0.06%
 Total impurities : 0.06%

Purity by HPLC 99.9%

Grade USP

Storage Store at 0 - 8 °C

Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP