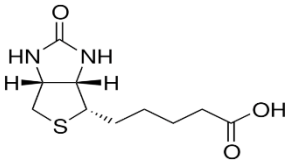
64683 Einhausen Marie-Curie-StraBe. 3, Germany
Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

PureSynth®
Research Chemicals

Product Specification

Product Name:
D-Biotin (Powder), Pur*Bio*, ≥99.0%

Product No.:	PSR43451
Brand:	PureSynth
CAS No.:	58-85-5
Molecular Formula:	$C_{10}H_{16}N_2O_3S$
Molecular Weight:	244.31 g/mol



Test	Specification
Appearance	White to Off White Powder
Assay (by HPLC)	≥ 99.0%
Solubility (50 mg/ml, 2M NH_4OH)	Colorless to Faint Yellow Clear Solution
Carbon Content	48.5 - 49.9 %
Nitrogen Content	11.2 - 11.8 %
Specific Rotation (C = 2 in 0.1M NaOH at 25 °C)	89 - 93 °
Identification by ^{1}H-NMR	Conforms to structure

Specification No.: PB-1.0-QA/058

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com