

## Certificate of Analysis

### D-Biotin

**Product No.** GB-CHEM-00597  
**Volume.** 1G

Quality Profile	Specification
Appearance ( color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity) 50 mg/ml, 2 M NH <sub>4</sub> OH	Clear
Carbon	48.5 - 49.9 %
Nitrogen	11.2 - 11.8 %
<sup>1</sup> H NMR Spectrum	Conforms to Structure
Specific Rotation by USP C = 2 in 0.1M NaOH at 25°C	89 - 93 °
Purity (HPLC)	≥ 99 %

**Intended Use:** For research use only.

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