



## Technical Data sheet

**Product Name:** D-Biotin /

**CAS No:** 58-85-5

**Specification:** 98%

**Grade:** Food grade

**Standard:** USP40

**Appearance:** White or off-white crystalline powder



### Technical specification:

ANALYSIS	SPECIFICATION
Appearance	White or off-white crystalline powder
Identification	Should meet the requirements
Assay	98.5%-100.5%
Loss on Drying	≤0.2%
Ash	≤0.1%
Specific Rotation	+89.0°~+93.0°
Melting Range(°C)	229°C~232°C
Solution color and clarity	Solution clarity and the samples should be light in color standard
Heavy Metals	≤10ppm
Lead(Pb)	≤2ppm
Arsenic(As)	≤1ppm
Single impurities (HPLC)	≤1.0%
Total impurities (HPLC)	≤2.0%
<b>Microbiological</b>	
Total Plate Count	≤10000cfu/g
Yeast & Mold	≤1000cfu/g
E.Coli	Negative
Salmonella	Negative



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**Packaging Details:**

Package: 25kgs/fiber drum, inner with double-layer plastic bags.

Storage: Store in cool & dry place, do not freeze, and keep away from direct strong light.

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