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## D-Biotin, Plant Culture Tested

**PCT0201**

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### Product Identifier

CAS No.	:	58-85-5
EC No.	:	200-399-3
Molecular Formula	:	C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> S
Molecular Weight	:	244.31
Synonym	:	Vitamin H
HS Code	:	2936 29 90
Storage	:	2 - 8°C
Shelf life	:	3 years

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### Technical Specification

Appearance	:	White to off-white powder
Solubility	:	33.3 mg soluble in 1 mL of 2M ammonium hydroxide
FTIR	:	Matches with the standard pattern
Specific rotation	:	+89.00° to +93.00° (c = 2% in 0.1M sodium hydroxide at 25°C)
Assay (NaOH Titration/HPLC)	:	98.50 - 100.50%

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### Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	XJ9088200
WGK	:	1