



Product Specification

cdhfinechemical.com

D-BIOTIN FOR BIOCHEMISTRY (VITAMIN-H)

PRODUCT CODE 024060

SYNONYMS --

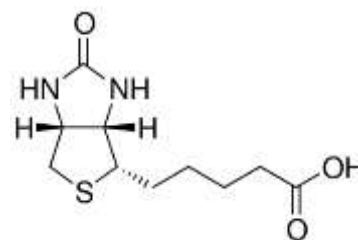
C.I. NO. --

CASR NO. (58-85-5)

ATOMIC OR MOLECULAR FORMULA $C_{10}H_{16}N_2O_3S$

ATOMIC OR MOLECULAR WEIGHT 244.31

PROPERTIES Soluble in water and alcohol, insoluble in naphtha and chloroform.



PARAMETER LIMIT

Description White to off white crystalline powder.

Solubility 2% solution in 0.1 N NaOH is clear and colourless to almost colourless.

Identification (By FTIR) Conforms

Minimum Assay (Acidimetric) 99-102%

Specific Rotation (α)_D²⁰ + 89 to + 93°
(c=2, in 0.1N NaOH)

Melting range 231 - 233°C

pH of 0.02% solution in water 3.50 -4.50

MAXIMUM LIMIT OF IMPURITY

Ignition residue (as SO₄) 0.1%

Note(s) : Assay (if applicable) method mentioned.

Storage : 0 – 8°C

WARNING

Hazard statements: Not hazardous

Precautionary statements

Prevention: -----

Response:

Disposal: -----

IMDG Code :

UN No. :

IATA :

Hazard Pictogram(s)

Replace date 10-Jan-2026