

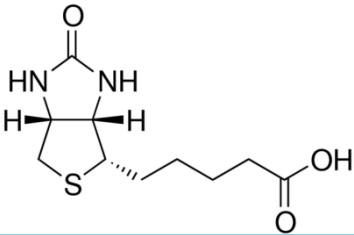


# Product Specification

cdhfinechemical.com

## D-BIOTIN FOR BIOCHEMISTRY (VITAMIN-H)

<b>PRODUCT CODE</b>	044011
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(58-85-5)
<b>ATOMIC OR MOLECULAR FORMULA</b>	C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> S
<b>ATOMIC OR MOLECULAR WEIGHT</b>	244.31
<b>PROPERTIES</b>	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
Assay (Acidimetric)	99-102%
Specific Rotation (α) <sub>D</sub> <sup>20</sup> (c=2, in 0.1N NaOH)	+ 89 to + 93°

### MAXIMUM LIMIT OF IMPURITY

Ignition residue (as SO <sub>4</sub> )	0.1%
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Note(s): Assay (if applicable) method mentioned.

Storage : 0 – 8°C

### WARNING

**Hazard statements:** Not hazardous

**Precautionary statements**

**Prevention:** -----

**Response:**

**Disposal:** -----

Hazard Pictogram(s)

IMDG Code :  
UN No. :  
IATA :