

Product Specification

Product Name: Biotin *copoeia

5-[(3aS,4S,6aR)-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl]pentanoic acid

Item Nr.: 1363

MW: 244.31 g/mol

C10H16N2O3S

CAS Nr.: 58-85-5

E.C.Nr.:

EINECS: 200-399-3

Parameter	Method	Specification	Unit
Appearance	visual	white to off-white crystalline powder	
Solubility	1% in 0.1M NaOH	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Identification	IR	corresponds to standard	
Assay	acc. to EP monogr. 1073	99.0 - 101.0	%
Loss on drying		<1.0	%
Optical rotation	$[\alpha]_{20D}$	+89 - +93	°
Sulfated ash		<0.1	%

Storage: Keep well closed at 2-8 °C in a dark and dry place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

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The data above have been acquired and managed under the principles of EN ISO-

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