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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

Re-test Date: Sep 2027

Product Name: Biotin (In House Standard)

Identification:

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

Synonyms : NA

CAS Number : 58-85-5

CAT Number : CP-B78000

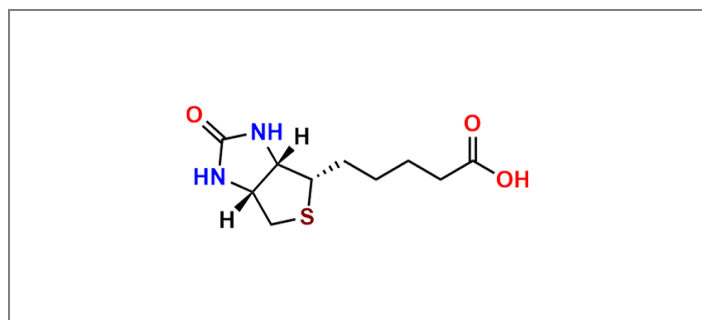
Molecular Formula : C₁₀H₁₆N₂O₃S

Molecular Weight : 244.31

Batch Number : CP-BIO-0924

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Solubility	Soluble in DMF+MeOH (50:50)
2)	MASS By LCMS	Confirm to structure
3)	Purity By HPLC	99.61%
4)	¹ H NMR	Confirm to structure
5)	¹³ C NMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.052%
8)	Potency by TGA	99.56%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.