



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 240167

Product:	BIOTIN
Lot:	240167
Expiry date:	03/06/2025
Reference:	Cumple PhEur11.3
Synonyms:	
Formula:	C ₁₀ H ₁₆ N ₂ O ₃ S
Molecular weight:	244,31 g/mol

Assay	Result	Specification
Identification	Conform (A)	Test RFE/Ph. Eur.
Organoleptic properties	Conform	RFE/Ph. Eur.
Appearance of solution S	Conform	Clear and colorless
Heavy metals	<= 10 ppm	<= 10 ppm
Related substances (HPLC)	Conform	
Loss on drying	0,01 %	<= 1,0 %
Sulphated ashes	0,04 %	<= 0,1 %
Specific rotation	(+90,7)	(+89,0) - (+93,0)
Assay (acid-base)	98,9 %	98,5 - 101,0 %
Impurity A	0,06 %	<= 0,5 %
Impurity C	ND	<= 0,2 %
Impurity E	0,02 %	<= 0,5 %
Unspecified Impurities	0,04 %	<= 0,10 %
Total impurities	0,16 %	<= 2,0 %

Organoleptic characteristics: White or almost white, crystalline powder or colourless crystals. Very slightly soluble in water and in ethanol (96 per cent), practically insoluble in acetone. It dissolves in dilute solutions of alkali hydroxides.

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 01/02/2024

Judgement:
APPROVED

Responsible: B.Chia

Technical director: Montserrat Enrique

Product	Name	Capacity	Batch
1115413	BIOTINA	1 g	240167-D-1
1115413	BIOTINA	1 g	240167-D-2
1115415	BIOTINA	100 g	240167-J-1
1115416	BIOTINA	250 g	240167-N-1

1115416	BIOTINA	250 g	240167-N-2
1200054	BIOTINA	5 g	240167-E-1
1200054	BIOTINA	5 g	240167-E-2
1200056	BIOTINA	25 g	240167-G-1
1200056	BIOTINA	25 g	240167-G-2

This certificate is not initialled as it is computer processed, it is validated with the originals available at Acofarma.

Original manufacturer's certificate available on request.

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