



CERTIFICATE OF ANALYSIS

Product : **BIOTIN (D+)**
Product number : B0603
Batch number : 019271
Date of production : 21-09-2024
Date of analysis : 23-10-2024
Date or expiry : 30-09-2027

Packaging and storage : Store at 2 – 8 °C, protected from light.

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder	complies		
Solubility	soluble in warm water, very slightly soluble in water and in ethanol (96%), practically insoluble in acetone. It dissolves in dilute solutions of alkali hydroxides.	complies		
Identification	conform	complies		IR-spectrum
Appearance of solution	clear and colourless	complies		
Specific optical rotation	+89 – +93	+90.7	°	
Related substances	conform	complies	%	
Heavy metals	≤ 10	< 10	ppm	
Loss on drying	≤ 1.0	0.02	%	100 – 105 °C
Sulphated ash	≤ 0.1	0.04	%	
Assay	98.5 – 101.0	99.7	%	dried substance

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Approved by:

J. van der Eem, MSc, pharmacist
Department of Quality Control Duchefa Biochemie B.V.

Date: 02-05-2025

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

Duchefa Biochemie B.V.

