

CERTIFICATE OF ANALYSIS

Product : **BIOTIN (D+)**
 Product number : B0603
 Batch number : 016767
 Date of production : 08-06-2019
 Date of analysis : 15-06-2019
 Date or expiry : 30-06-2023
 Packaging and storage : Store at 2 – 8 °C

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder	complies		
Solubility	soluble in warm water, soluble in slightly alkaline and acidic solutions	complies		
Identification	conform	complies		IR-spectrum
Appearance of solution	clear and colourless	complies		
Specific optical rotation	+89 – +93	+90.9	°	
Related substances	conform	complies	%	
Heavy metals	≤ 10	< 10	ppm	
Loss on drying	≤ 1.0	0.05	%	100 – 105 °C
Sulphated ash	≤ 0.1	0.05	%	
Assay	98.5 – 101.0	99.5	%	dried substance

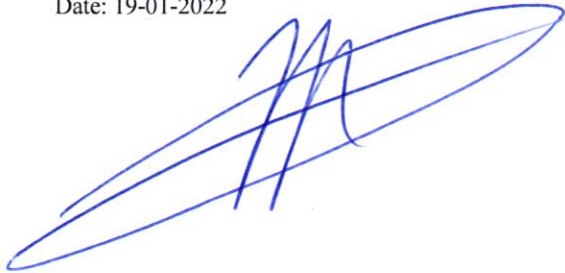
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Approved by:

drs. M. van Wissen, pharmacist
Department of Quality Control Duchefa B.V.

Date: 19-01-2022



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

Duchefa Biochemie B.V.