



CERTIFICATE OF ANALYSIS

Product : **BIOTIN (D+)**
Product number : B0603
Batch number : 015331
Date of production : 08-06-2019
Date of analysis : 15-06-2019
Date of expiry : 30-06-2022

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:

Date: 27-03-2020

drs. Q. de Hoog, pharmacist
Department of Quality Control Duchefa B.V.

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

Duchefa Biochemie B.V.