



## CERTIFICATE OF ANALYSIS

Product : **RAFFINOSE, D(+) PENTAHYDRATE**  
Product number : R0812  
Batchnumber : 019268  
Date of production : xx-04-2025  
Date of expiry : 30-04-2030

Packaging and storage : store dry at room temperature

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder	complies		
Identification	conform	complies		TLC
Specific optical rotation	+103.0 – +108.0	+105.3	°	10% in H <sub>2</sub> O / 20°C
Loss on drying	≤ 15.0	11.4	%	
Sulphated ash	≤ 1.0	0.05	%	
Chloride (Cl)	≤ 0.003	< 0.003	%	
Arsenic	≤ 1	complies	ppm	AAS
Lead	≤ 2	complies	ppm	AAS
Heavy metals	≤ 10	complies	ppm	AAS
Assay	≥ 98.0	99.7	%	HPLC

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

Conclusion: approved

Released 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 its specific purpose.

Duchefa Biochemie B.V.

