

CERTIFICATE OF ANALYSIS

Product : **D(+)-GALACTOSE**
 Product number : G0810
 Batch number : 018315
 Date of manufacture : 12-07-2023
 Date of analysis : 21-07-2023
 Date of expiry : 31-07-2028

Packaging and storage : store dry at room temperature

Description	SPECIFICATION	RESULT	UNITS	REMARKS
Description	white crystalline powder	complies		
Identification	conform	complies		IR-spectrum
Appearance of solution	clear and colour ≤ ref.sol. B ₈	complies		20% in H ₂ O
Acidity or alkalinity	conform	complies		
Specific optical rotation	+78.0 – +81.5	+80.4	°	10% in H ₂ O, anhydrous substance
Total impurities	≤ 1.5	0.3	%	
Total bacterial count (EP)	≤ 100	50	ufc/g	
Water	≤ 1.0	0.1	%	Karl Fischer
Sulphated ash	≤ 0.1	< 0.1	%	
Protein	≤ 0.1	< 0.1	mg/ml	
Assay	≥ 98.5	99.9	%	HPLC
TYMC	≤ 100	30	ufc/g	
Salmonella	absent	complies	/10 g	
Escherichia Coli	absent	complies	ufc/g	

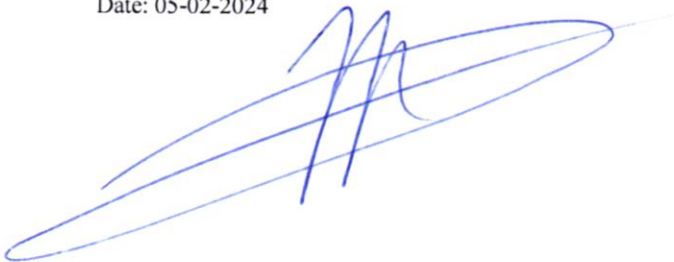
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

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

Date: 05-02-2024



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

Duchefa Biochemie B.V.