



## CERTIFICATE OF ANALYSIS

Product : **D(+)-GALACTOSE**  
Product number : G0810  
Batch number : 019065  
Date of manufacture : 30-10-2023  
Date of analysis : 02-11-2023  
Date of expiry : 31-10-2028

Packaging and storage : store dry at room temperature

	<b>SPECIFICATION</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REMARKS</b>
Description	white crystalline powder	complies		
Identification	conform	complies		IR-spectrum
Appearance of solution	clear and colour $\leq$ ref.sol. B <sub>8</sub>	complies		20% in H <sub>2</sub> O
Acidity or alkalinity	conform	complies		
Specific optical rotation	+78.0 – +81.5	+80.1	°	10% in H <sub>2</sub> O, anhydrous substance
Total impurities	$\leq$ 1.5	0.5	%	
Total bacterial count (EP)	$\leq$ 100	10	ufc/g	
Water	$\leq$ 1.0	0.1	%	Karl Fischer
Sulphated ash	$\leq$ 0.1	< 0.1	%	
Protein	$\leq$ 0.1	< 0.1	mg/ml	
Assay	$\geq$ 98.5	99.3	%	HPLC
TYMC	$\leq$ 100	20	ufc/g	
Salmonella	absent	complies	ufc/10 g	
Escherichia Coli	absent	complies	ufc/g	

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

Conclusion: approved

Released by:

S. Bayat, MSc, pharmacist  
Department of Quality Control Duchefa BV

Date: 06-02-2025

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

Duchefa Biochemie B.V.