

## CERTIFICATE OF ANALYSIS

Product : **GLYCEROL ANHYDROUS**  
 Product number : G1345  
 Batch number : 017181  
 Date of production : 26-04-2022  
 Date of analysis : 29-04-2022  
 Date of expiry : 30-04-2025

Packaging and storage : in a well closed container at room temperature

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	clear, colourless syrupy liquid	complies		hygroscopic
Solubility	miscible with water	complies		
Relative density	1.258 – 1.268	1.263	g·cm <sup>-3</sup>	
Identification	conform	complies		IR-spectrum
Colour of solution	colourless	complies		20% in H <sub>2</sub> O
Clarity of solution	clear	complies		50% in H <sub>2</sub> O
Acidity or alkalinity	≤ 0.20	0.04	ml	0.1 M NaOH
Refractive index	1.470 – 1.474	1.474		20 °C
Aldehydes	≤ 10	< 10	ppm	
Esters	≥ 8.00	8.70	ml	0.1 M HCl
Halogenated compounds	≤ 35	< 35	ppm	
Impurities and related substances	conform	complies		GC
Sugars	conform	complies		colour reaction
Chlorides	≤ 10	< 10	ppm	
Water	≤ 0.50	0.02	%	
Sulphated ash	≤ 0.01	< 0.01	%	
Assay	98.0 – 101.0	99.93	%	anhydrous substance, titration

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 B.V.

Date: 01-08-2022



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