



## CERTIFICATE OF ANALYSIS

Product : **POLYETHYLENE GLYCOL 6000**  
Product number : P0805  
Batch number : 019088  
Date of production : 24-11-2024  
Date of analysis : 21-01-2025  
Date of expiry : 30-11-2029  
  
Packaging and storage : in a well-closed container at room temperature

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	flakes	complies		20°C
Solubility	soluble in water	complies		
pH	4.5 – 7.5	7.1		5% in H <sub>2</sub> O
Viscosity	210 – 262	234	mPa·s	50% solution, 20°C
Hydroxyl number	17 – 20	18	mgKOH/g	
Solidification point	55 – 60	58	°C	
Water	≤ 1.00	0.12	%	Karl Fischer
Ethylene oxide	≤ 1	< 1	ppm	
Dioxane	≤ 1	< 1	ppm	
Reducing substances	conform	complies		
Average molar mass	5600 – 6600	6212	g/mol	
Acidity	≤ 0.1	≤ 0.1	ml	0.1M NaOH/5g
Sulfated ash	≤ 0.1	≤ 0.1	%	

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

Conclusion: approved

Approved by:

S. Bayat, MSc, pharmacist  
Department of Quality Control Duchefa B.V.

Date: 13-02-2025

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

