



CERTIFICATE OF ANALYSIS

Product : **POLYETHYLENE GLYCOL 6000**
Product number : P0805
Batch number : 018162
Date of production : 14-09-2023
Date of analysis : 18-09-2023
Date of expiry : 30-09-2028

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	6.4		5% in H ₂ O
Viscosity	210 – 262	233	mPa·s	50% solution, 20°C
Hydroxyl number	17 – 20	18	mgKOH/g	
Solidification point	55 – 60	58	°C	
Water	≤ 1.00	0.14	%	Karl Fischer
Ethylene oxide	≤ 1	< 1	ppm	
Dioxane	≤ 1	< 1	ppm	
Reducing substances	conform	complies		
Average molar mass	5600 – 6600	6198	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:

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

Date: 06-12-2023

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

Duchefa Biochemie B.V.

