

CERTIFICATE OF ANALYSIS

Product : **POLYETHYLENEGLYCOL 6000**
 Product number : P0805
 Batch number : 010431
 Date of production : 16-01-2014
 Date of analysis : 24-01-2014
 Date of expiry : 31-01-2019

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	flakes	complies		20°C
Solubility	soluble in water, clear	complies		25% in H ₂ O
Hazen colour 1557	≤ 30	< 5	EN	25% in H ₂ O
pH	5.0 – 7.5	6.9		5% in H ₂ O
Viscosity	210 – 262	222	mPa·s	50% solution, 20°C
Hydroxyl number	16 – 22	19	mgKOH/g	
Solidification point	55 – 61	58	°C	
Water	≤ 1.00	0.08	%	Karl Fischer
Ethylene oxide	≤ 1	< 1	ppm	
Dioxane	≤ 1	< 1	ppm	
Ethylene- and diethyleneglycol	≤ 0.20	< 0.01	%	
Reducing substances	conform	complies		
Average molar mass	5000 – 7000	5845	g/mol	
Acidity	≤ 0.1	< 0.1	ml	0.1M NaOH/5g
Heavy metals	≤ 5	< 5	ppm	
Sulfated ash	≤ 0.1	< 0.1	%	
Formaldehyde	≤ 15	< 1	ppm	

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: 13-05-2014



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