

CERTIFICATE OF ANALYSIS

Product : **POLYETHYLENEGLYCOL 4000 S**
 Product number : P0804
 Batch number : 018306
 Manufacturing date : 28-04-2023
 Date of analysis : 02-05-2023
 Expiry date : 30-04-2028

Storage conditions : 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	0 - 30	22		25% in H ₂ O
pH	5.0 – 7.5	6.0	%	5% in H ₂ O
Dynamic viscosity	110 – 170	118.83	mPa.s	50%, 20 °C
Solidification point	53 – 59	55.2	°C	
Acidity	0.00 – 0.10	0.04	ml	NaOH N/10
Hydroxyl value	26.7– 29.50	28.07	mg KOH/g	
Reducing substances	conform	complies		
Formaldehyde	conform	complies		
Ethylene oxide	0.0 – 1.0	0.0	mg/kg	
Dioxane	0.0 – 10.0	0.0	mg/kg	
Heavy metals	0.00 – 5.00	0.00	mg/kg	
Water	0.000 – 0.750	0.504	% w/w	Karl Fisher
Sulphated ash	0.00 – 0.10	0.04	% w/w	
Molecular weight	3600 – 4400	3997.1	g/mol	

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: 01-02-2024



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

Duchefa Biochemie B.V.