



Article	3297	Macrogol 4000 Pulver	
Synonym		Macrogola 4000, Polyäthylenglycolum 4000	
Synonym		Macrogols 4000 powder	
Batch	24001280		
Specification	Ph.Eur.11.0		
Production date	11.2023	Retest date	11.2026

Test	Specification	Result
Characters	According to specification	Complies
Appearance	According to specification	Complies
Solubility	According to specification	Complies
Identification	According to specification	Complies
A	According to specification	Complies
B	According to specification	Complies
C	According to specification	Complies
Raman spectrophotometry	According to specification	Complies
Tests	According to specification	Complies
Appearance of solution	According to specification	Complies
Acidity or alkalinity	According to specification	Complies
Viscosity	110 ... 170 mPa*s	120 mPa*s
Freezing point	53 ... 59 °C	54 °C
Hydroxyl value	25 ... 32	28
Reducing substances	According to specification	Complies
Formaldehyde	Max. 30 ppm	4 ppm
Ethylene oxide	Max. 1 ppm	0 ppm
Dioxan	Max. 10 ppm	0 ppm
Water	Max. 1,0 %	0.3 %
Sulphated ash	Max. 0,2 %	0.2 %
Stabilizer	Quantity / description	Keine
Complies specification		Yes

## Certificate of analysis



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Release date	18.06.2024	Released by	Frau Apoth. Dr. Schücker, QP
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Results marked with # were taken from the manufacturer's certificate.

The batch 24001280 complies specification.

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