

## Certificate of analysis



Article	2247	Glycerinmonostearat 40 - 55 %	
Synonym		Glycerolmonostearat40 - 55 (Typ II)	
Synonym		Glycerol monostearate 40-55%	
Batch	24000632		
Specification	Ph.Eur.11.0		
Production date	06.2023	Retest date	06.2026

Test	Specification	Result
Characters	According to specification	Complies
Appearance	According to specification	Complies
Solubility	According to specification	Complies
Identification	According to specification	Complies
Melting point-open capillary method	54 ... 66 °C	62 °C
Thin-layer chromatography	According to specification	Complies
C	According to specification	Complies
D	According to specification	Complies
Tests	According to specification	Complies
Acid value	Max. 3,0	2.0
Iodine value	Max. 3,0	1.0
Saponification value	158 ... 177	172
Free glycerole	Max. 6,0 %	0.6 %
Water	Max. 1,0 %	0.3 %
Total ash	Max. 0,1 %	< 0.1 %
Composition of fatty acids	According to specification	Complies
Type II	According to specification	Complies
Stearic acid	60,0 ... 80,0 %	67.9 %
Stearic acid and palmitic acid	Min. 90,0 %	97.8 %
Origin:	Animal / vegetable / syntethic	Pflanzlich
Assay (Monoacylglycerol)	40,0 ... 55,0 %	46.6 %
Assay (Diacylglycerol)	30,0 ... 45,0 %	43.0 %
Assay (Triacylglycerol)	5,0 ... 15,0 %	8.5 %
Complies specification		Yes

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Release date	31.05.2024	Released by	Frau Apoth. Dr. Schücker, QP
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Results marked with # were taken from the manufacturer's certificate.

The batch 24000632 complies specification.

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