

Certificate of analysis



Article	3459	Sorbitantrioleat	
Synonym		Sorbitani trioleas, SPAN® 85 V	
Synonym		Sorbitan trioleate	
Batch	24002161		
Specification	Ph.Eur.11.0		
Production date	07.2024	Retest date	01.2027

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
Margarinic acid	Max. 0.2 %	0.0 %
Tests	According to specification	Complies
Acid value	Max. 16.0	14.1
Hydroxyl value	55 ... 75	60
Iodine value	76 ... 90	82
Peroxide value	Max. 10.0	4.2
Saponification value	170 ... 190	177
Water	Max. 1.5 %	0.3 %
Total ash	Max. 0.5 %	0.0 %
Composition of fatty acids	According to specification	Complies
Myristic acid	Max. 5.0 %	0.1 %
Palmitic acid	Max. 16.0 %	5.7 %
Palmitoleic acid	Max. 8.0 %	0.1 %
Stearic acid	Max. 6.0 %	1.7 %
Oleic acid	65.0 ... 88.0 %	79.0 %
Linoleic acid	Max. 18.0 %	11.4 %
Linolenic acid	Max. 4.0 %	0.0 %
Fatty acids of chain length > C18	Max. 4.0 %	< 4.0 %
Antioxidant	Quantity/Name	keine

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Test	Specification	Result
Origin	Vegetal/Animal	Pflanzlich
Complies specification		Yes

Release date	27.11.2024	Released by	Frau Dr. Haßel, QP, LQK
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Results marked with # were taken from the manufacturer's certificate.

The batch 24002161 complies specification.

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