



Spezifikation

Produktbezug:	
Produktnummer	112801V01
Handelsname / Bezeichnung	Oleic Acid (Olein blond pflanzlich)
CAS Nummer	112-80-1
Andere Bezeichnungen / Synonyme	•(Z)-9-octadecenoic acid; •ELAIDIC ACID; •Elaidic Acid; •Elaidic Acid (9tr); •Elaidic acid; •OKIC ACID; •OLEIC ACID; •OLEIC ACID, VEGETABLE ORIGIN, NF AND EP GRADE; •Oleic Acid; •Oleic Acid (9c) [112-80-1];
EG Nummer	204-007-1
Zolltarifnummer / CN- Code	29161500
Molekulargewicht [g/ mol]	282.46136
Formel	C ₁₈ H ₃₄ O ₂

Parameter	Test Method	Specification	Unit
Sensorische Prüfung			
Aussehen	visuell	hellgelbe Flüssigkeit	
Farbe	BS 684 sec 1.14	LOVIBOND 5 ¼ Zoll gelb: ≤ 10	
Farbe	BS 684 sec 1.14	LOVIBOND 5 ¼ Zoll rot: ≤ 1,5	
Physikalische Parameter			
Säuregehalt	ISO 660-1983	197 – 205	mg KOH/g
Wassergehalt	ISO 760-1978 E	(Fischer) ≤ 0,1	%
Verunreinigungen			
Trübung	APAG FA-003-1987	Trübungspunkt: ≤ 15	°C
Elementare Verunreinigungen			
Jod (I ₂)	ISO 3961-1989	Jodzahl: 110 – 120	g J2/100g
Fettsäurezusammensetzung			
C16:0	EN ISO 5508:1999	Palmitin ≤ 8	%
C16:1	EN ISO 5508:1999	Palmitolen ≤ 2	%
C18:0	EN ISO 5508:1999	Stearin ≤ 3	%
C18:1	EN ISO 5508:1999	Olein 56 – 66	%
C18:2	EN ISO 5508:1999	Linol 18 – 25	%
C18:3	EN ISO 5508:1999	Linolen 6 – 10	%
C20:0	EN ISO 5508:1999	+ C22: Arachidin, Gadolen, Behen ≤ 5	%

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 22. Jul. 2025

LF-Basis: (2025-03-17)

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