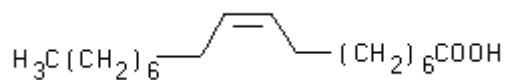
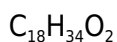
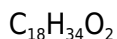


**PRODUCT CODE: 142659****Oleic Acid (Ph. Eur.) pure, pharma grade**



M.= 282,47

CAS [112-80-1]

EINECS 204-007-1

TARIC 2916 15 00 00

SYNONYMS: (Z)-9-Octadecenoic Acid**PHYSICAL DATA:** liquid, oily, Light yellow, Insoluble in water D 20/4 0,895 • M.P.: 4 °C • B.P.: 286 °C • n_D 1,463 •**BIBLIOGRAPHY:** Merck Index **13**, 6.898 14, 6.828 Römp **8**, **2880** • Beilstein **2**, **IV**, **1641** • BRN 1726542 • Fieser **1759** • BP.**2018** • USP -**NF 36** • Ph. Eur. **9.0** (2017) 5, 3747 1662**8.0** (2014) 5, 3747 • F.C.C **10 11** •**HAZARDOUS:** RTECS: RG 2275000 • LD50 oral rat 74 mg/kg •

H: H319 • H335 • H315 •

P: P261 • P264 • P271 • P280 • P302+P352 • P501 • P304+P340 • P305+P351+P338 • P312 • P321 • P332+P313 • P337+P313 • P362 • P403+P233 • P405 •

WEIGHT/VOLUME INFORMATION: 1l~0,890 kg 1kg~1,123 l**OBSERVATIONS:** Storage away from direct light. •**SPECIFICATIONS:**

Assay (G.C.)

65,0 - 88,0 %

Identity :
Identity

IR passes test

Maximum limit of impurities

Appearance (<Y1 or BY1)	passes test
Residue on ignition (as SO ₄)	0,1 %
Acidity value	195-204
Iodine value	89-105
Peroxide value	10,0
Residual solvents (Ph.Eur.)	passes test
Composition of fatty acids:	
Myristic acid	5,0 %
Palmitic acid	16,0 %
Palmitoleic acid	8,0 %
Stearic acid	6,0 %
Linoleic acid	18,0 %
Linolenic acid	4,0 %
Fatty acids with chain length greater than C18	4,0 %
Margaric acid	4,0 %
Animal origin.	
Non-added stabilizers.	

Elemental impurities (ICH Q3D):

Class 1

Cd	0.5 ppm
Pb	2 ppm
As	1.5 ppm
Hg	1.5 ppm

Class 2A

Co	5 ppm
V	10 ppm
Ni	20 ppm

Class 2B

Tl	5 ppm
Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Se	15 ppm
Ag	15 ppm
Pt	10 ppm

Class 3

Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	250 ppm
Sn	600 ppm
Cr	25 ppm