



PRODUCT CODE: 141003

Vaseline Oil (USP, BP, Ph. Eur.) pure, pharma grade

CAS [8042-47-5] EINECS 232-455-8
TARIC 2710 19 85 00

SYNONYMS: Liquid Paraffin, Mineral Oil, Paraffin Oil

PHYSICAL DATA: liquid, Clear, viscous, Colourless, Immiscible with water. · D 20/4 0,87 · M.P.: -24 C · B.P.: 300 C
1.000 hPa · n_{20/D} : 1,479 · Flash P.:218 C · Ign. T.:300 C · Vap. press. 0,0001 hPa ·

BIBLIOGRAPHY: Merck Index **13**, 7.263 Sax **MQV750** · Safety **2** , **2468 D** · Rmp **8** , **2991** · BP.**2020** · USP **-NF 37** ·
Ph. Eur. **9.0** (2017) **10.0** (2020) · F.C.C **12** ·

HAZARDOUS:RTECS: XH 7480000 · LD50 oral mus 22.000 mg/kg · TLV-TWA 5 ppm10 mg/m3

WEIGHT/VOLUME INFORMATION: 1l~0,880 kg 1kg~1,136 l

OBSERVATIONS: Storage away from direct light. ·

SPECIFICATIONS:

Identity :	
Identity according to Pharmacopoeias:	passes test
Density at 20/20	0,827-0,890
Density at 25/25	0,845-0,905
Viscosity dynamic at 19.9-20.1C	110 - 230 mPas
Viscosity kinematic 39.9-40.1C	34.5 - 150.0 mm ² /s

Maximum limit of impurities

Acidity or alkalinity	passes test
Darkened substances by H2SO4	passes test

Sulfur compounds	passes test
Solid Paraffin	passes test
Residual solvents (Ph.Eur/USP)	passes test
Polynuclear Hydrocarbons	passes test

Elemental impurities (ICH Q3D):

Class 1

Cd	25 ppm
Pb	25 ppm
As	25 ppm
Hg	25 ppm

Class 2A

Co	25 ppm
V	25 ppm
Ni	25 ppm

Class 2B

Tl	25 ppm
Au	25 ppm
Pd	25 ppm
Ir	25 ppm
Os	25 ppm
Rh	25 ppm
Ru	25 ppm
Se	25 ppm
Ag	25 ppm
Pt	35 ppm

Class 3

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