

Certificate of Analysis

Product Name	Peanut oil, hardened
Glentham Code	GL7149
CAS Number	68425-36-5
EINECS	270-350-9
MDL Number	MFCD00677638
Batch Number	302YEA

Molecular Weight	-
Molecular Formula	-
Storage Temp.	+4°C

Property	Specification	Batch 302YEA
Physical Description	White or faintly yellowish, soft mass	Conforms
Identification	A, C according to EP	Conforms
Drop Point	32 - 43°C, and within 3°C of the nominal value	37°C
Drop Point, Nominal Value	37°C	Conforms
Acid Value	≤ 0.5mgKOH/g	0.1mgKOH/g
Peroxide Value	≤ 5.0meqO2/kg	0.1meqO2/kg
Unsaponifiable Matter	≤ 1.0%	Conforms
Alkaline Impurities	According to EP	Conforms
Composition of fatty acids	< C14: ≤ 0.5%	0.1
	14:0 Myristic acid: ≤ 0.5%	0.1
	16:0 Palmitic acid: 5.0 - 16.0%	6.8
	18:0 Stearic acid: 3.0 - 19.0%	10.2
	18:1 Oleic acid: 54.0 - 78.0%	73.2
	18:2 Linoleic acid: ≤ 10.0%	1.3
	20:0 Arachidic acid: 1.0 - 3.0%	1.4
	20:1 Eicosenoic acid: ≤ 2.1%	1.8
	22:0 Behenic acid: 1.0 - 5.0%	2.9
	22:1 Erucic acid: ≤ 0.5%	0.2
	24:0 Lignoceric acid: 0.5 - 3.0%	1.8
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version	v1.1
Manufacture Date	2024-06-08
Re-Test Date	2032-09-11

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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