

Product Specification

Product Name	Kolliphor EL, Ph. Eur., USP grade
Glentham Code	GK2003
CAS Number	61791-12-6

Molecular Weight	-
Molecular Formula	-
Storage Temp.	+20°C

Property	Specification
Physical Description	Clear, pale yellow to yellow viscous liquid or semi-solid
Identification	To pass Ph. Eur., USP tests
Appearance of Solution	To pass test
Acid Value	≤ 2.0mgKOH/g
Alkalinity	To pass test
Hydroxyl Value	65 - 78 mgKOH/g
Iodine Value	25 - 35 gI ₂ /100g
Saponification Value	65 - 70 mgKOH/g
Water (KF)	≤ 0.5%
Ash	≤ 0.2%
Residue on Ignition	≤ 0.2%
pH (10% in water)	5.0 - 7.0
Heavy Metals	≤ 10ppm
Relative Density (25°C)	1.05 - 1.06
Dynamic Viscosity	600 - 750 mPa.s
Free Fatty Acids	≤ 1.0%
Oleic acid	≤ 0.1%
Palmitic acid	≤ 0.1%
Ricinoleic acid	≤ 0.2%
Potassium (K)	≤ 15ppm
Ethylene Oxide	≤ 1ppm
1,4-Dioxane	≤ 10ppm
Diethylene Glycol	≤ 620ppm
Ethylene Glycol and Diethylene Glycol	≤ 2500ppm
Acetic Acid	≤ 0.5%
Ethylene Glycol	≤ 620ppm
Pharmacopoeia Specification(s)	Ph. Eur., USP

Specification Version	-	v1.0
Date Created	-	2022-04-08

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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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