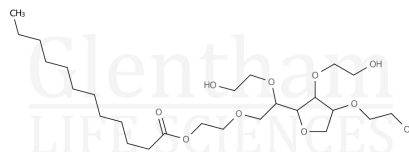


Product Specification

Product Name	Tween 20, BP, Ph. Eur., USP/NF grade
Glentham Code	GE1584
CAS Number	9005-64-5
EINECS	500-018-3
MDL Number	MFCD00165986
Molecular Weight	1227.54
Molecular Formula	$C_{58}H_{114}O_{26}$
Storage Temp.	+20°C



Property	Specification
Physical Description	Clear, light-yellow to brown-yellow liquid
Identification	To pass BP, Ph. Eur., USP/NF tests
Colour (Gardner)	≤ 10 (25°C)
Acid Value	≤ 2.0mgKOH/g
Hydroxyl Value	96 - 108 mgKOH/g
Peroxide Value	≤ 10.0meq/kg
Saponification Value	40 - 50 mgKOH/g
Composition of fatty acids	Caproic acid: ≤ 1.0%
	Caprylic acid: ≤ 10.0%
	Capric acid: ≤ 10.0%
	Lauric acid: 40.0 - 60.0 %
	Myristic acid: 14.0 - 25.0 %
	Palmitic acid: 7.0 - 15.0 %
	Stearic acid: ≤ 7.0%
	Oleic acid: ≤ 11.0%
	Linoleic acid: ≤ 3.0%
Ethylene Oxide	≤ 1ppm
1,4-Dioxane	≤ 10ppm
Heavy Metals (as Pb)	≤ 10ppm
Water	≤ 3.0%
Sulphated Ash	≤ 0.25%
Residual Solvents	To pass tests
Pharmacopoeia Specification(s)	Conforms to BP, Ph. Eur., USP/NF

Specification Version	-	v1.1
Date Created	-	2023-02-10

Product Specification

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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