

Product Specification

Product Name	Tween 80
Glentham Code	GD5948
CAS Number	9005-65-6
MDL Number	MFCD00082107

Molecular Weight
Molecular Formula

Storage Temp. +20°C

Property	Specification
Physical Description	Clear, colourless or brownish-yellow oily liquid
Identification	To conform to EP, USP tests
Solubility (10% in water)	Clear to faintly turbid, faint yellow to yellow dispersion
Colour (Gardner)	≤ 5 (25°C)
Acid Value	≤ 2.0mgKOH/g
Hydroxyl Value	65 - 80 mgKOH/g
Peroxide Value	≤ 5meq/kg
Saponification Value	45 - 55 mgKOH/g
Myristic acid	≤ 5.0%
Palmitic acid	≤ 16.0%
Palmitoleic acid	≤ 8.0%
Stearic acid	≤ 6.0%
Oleic acid	58.0 - 85.0 %
Linoleic acid	≤ 18.0%
Linolenic acid	≤ 4.0%
Ethylene Oxide	≤ 1ppm
Dioxane	≤ 10ppm
Heavy Metals	≤ 10ppm
Sulphated Ash	≤ 0.25%
Water	≤ 3.0%
Pharmacopoeia Specification(s)	EP, USP

Specification Version - v1.2
Date Created - 2023-04-26

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