

Product Datasheet

GD5948 - Tween 80

Product Details

Product Name	Tween 80
Glentham Code	GD5948
CAS Number	9005-65-6
MDL Number	MFCD00082107
Related Categories	Detergents, Raw Materials (IVD), Reagents for Western Blotting

Structure

Molecular Weight	:
Molecular Formula	:

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glentham Product 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
Version	:	v1.2

About Tween 80

Tween 80, also known as Polysorbate 80, is a viscous yellow liquid used in pharmaceuticals and cosmetics due to its surfactant and emulsification properties. It also has applications in laboratory work identifying the phenotypes of lipase-containing mycobacteria.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025