

Product Specification

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| 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 |

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

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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