

Specification

Formula Hill:

Molar Mass:

CAS N°: 9005-65-6

Print Date: 02 March 2024

113452 Polysorbate 80, NF, Ph. Eur.

Specifications

Identity	conforms
Appearance	
- Oily clear/slightly opalescent liquid	conforms
- Colourless or brownish-yellow	conforms
Acid value	≤ 2,0
Hydroxyl value	65,0 - 80,0
Peroxide value	≤ 10,0
Relative density	1,06 - 1,09
Saponification value	45,0 - 55,0
Solubility	conforms
Viscosity at 25 °C	300 - 500 cSt
Fatty acids	
- Linoleic acid	≤ 18,0 %
- Linolenic acid	≤ 4,0 %
- Myristic acid	≤ 5,0 %
- Oleic acid	≥ 58,0 %
- Palmitic acid	≤ 16,0 %
- Palmitoleic acid	≤ 8,0 %
- Stearic acid	≤ 6,0 %
Dioxan	≤ 0,0010 %
Ethylene oxide	≤ 1,0 ppm
Ash	≤ 0,25 %
Water by KF	≤ 3,0 %

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

Conforms to: NF, Ph. Eur. specification