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PureSynth®
Research Chemicals

Product Specification

Product Name:
Polysorbate 80, Pur*Reagent Plus*, Meets analytical specifications of USP & EP

Product No.:	PSR50846
Brand:	PureSynth
CAS No.:	9005-65-6
Molecular Formula:	NA
Molecular Weight:	NA

Test	Specification
Appearance	Light orange to yellow to brown or green liquid
Composition of fatty acids	
a) Myristic acid	NMT 5.0 %
b) Palmitic acid	NMT 16.0 %
c) Palmitoleic acid	NMT 8.0 %
d) Stearic acid	NMT 6.0 %
e) Oleic acid	NLT 58.0 %
f) Linoleic acid	NMT 18.0 %
g) Linolenic acid	NMT 4.0 %
Identification A	Passes test
Solubility (5% solution in water)	Pale yellow clear solution
pH (1% solution)	5.4 - 7.6
Water	NMT 3.000 %
Refractive Index (n20/D)	1.471 - 1.475
Acid value	NMT 2.0
Hydroxyl value	65 - 80
Saponification value	45 - 55
Peroxide value	NMT 10.0
Viscosity at 25^{o}C	300 - 500 cps
Residue on ignition	NMT 0.25%
Identification by IR	Conforms to structure

Specification No.: PR-1.0-QA/974

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com