

Polisorbato 80, NF, Multicomp.

About this item

CAS Number: 9005-65-6

MDL Number: MFCD00082107

Melting Pt: -21 °C

Density: 1.062 g/cm³

Flash Pt: 113 °C (closed cup)

: Management of Change (MOC)
category = R

Storage Temperature: Ambient

EINECS: 500-019-9

Specification Test Results

NF - Acid Value:	≤ 2.0
NF - Hydroxyl Value:	65 - 80
NF - Identification A:	Passes Test
NF - Identification B:	Passes Test
NF - Residue on Ignition:	≤ 0.25 %
NF - Saponification Value:	45 - 55
NF - Specific Gravity at 25°C:	1.05 - 1.09
NF - Viscosity at 25°C, cSt:	300 - 500
NF - Water (H ₂ O):	≤ 3.0 %
NF - Peroxide Value:	≤ 10.0
NF - Ethylene Oxide:	≤ 1 ppm
NF - Dioxane:	≤ 10 ppm
NF - Composition of Fatty Acids - Myristic Acid:	≤ 5.0 %
NF - Composition of Fatty Acids - Palmitic Acid:	≤ 15.0 %
NF - Composition of Fatty Acids - Palmitoleic Acid:	≤ 8.0 %
NF - Composition of Fatty Acids - Stearic Acid:	≤ 5.0 %
NF - Composition of Fatty Acids - Oleic Acid:	≥ 58.0 %
NF - Composition of Fatty Acids - Linoleic Acid:	≤ 18.0 %
NF - Composition of Fatty Acids - Linolenic Acid:	≤ 4.0 %
EP - Acid Value:	≤ 2.0
EP - Total Ash:	≤ 0.25 %
EP - Hydroxyl Value:	65 - 80
EP - Identification A:	Passes Test
EP - Identification D:	Passes Test
EP - Peroxide Value:	≤ 10.0
EP - Ethylene Oxide:	≤ 1 ppm
EP - Dioxane:	≤ 10 ppm
EP - Saponification Value:	45 - 55
EP - Water (H ₂ O):	≤ 3.0 %
EP/SP - Composition of Fatty Acids - Myristic Acid:	≤ 5.0 %
EP/SP - Composition of Fatty Acids - Palmitic Acid:	≤ 15.0 %
EP/SP - Composition of Fatty Acids - Palmitoleic Acid:	≤ 8.0 %
EP/SP - Composition of Fatty Acids - Stearic Acid:	≤ 5.0 %
EP/SP - Composition of Fatty Acids - Oleic Acid:	≥ 58.0 %
EP/SP - Composition of Fatty Acids - Linoleic Acid:	≤ 18.0 %

EP/SP - Composition of Fatty Acids - Linolenic Acid:	≤ 4.0 %
Appearance:	Passes Test
JP - Acid Value:	≤ 2.0
JP - Composition of Fatty Acids - Myristic Acid:	≤ 5.0 %
JP - Composition of Fatty Acids - Palmitic Acid:	≤ 15.0 %
JP - Composition of Fatty Acids - Palmitoleic Acid:	≤ 8.0 %
JP - Composition of Fatty Acids - Stearic Acid:	≤ 5.0 %
JP - Composition of Fatty Acids - Oleic Acid:	≥ 58.0 %
JP - Composition of Fatty Acids - Linoleic Acid:	≤ 18.0 %
JP - Composition of Fatty Acids - Linolenic Acid:	≤ 4.0 %
JP - Dioxane:	≤ 10 ppm
JP - Ethylene Oxide:	≤ 1 ppm
JP - Heavy Metals (as Pb):	≤ 20 ppm
JP - Hydroxyl Value, meq KOH/g:	65 - 80
JP - Identification:	Passes Test
JP - Peroxide Value:	≤ 10.0
JP - Residue on Ignition:	≤ 0.25 %
JP - Water (H ₂ O):	≤ 3.0 %
JP - Saponification Value:	45 - 55
Additional Tests - Color (Gardner):	≤ 7
Additional Tests - Odor (Faint):	Passes Test
Additional Tests - Peroxide Value, meqO ₂ /kg:	≤ 2.0
Additional Tests - Endotoxin Concentration (EU/mL):	≤ 10
Free Ethylene Oxide:	≤ 1 ppm
1,4-Dioxane:	≤ 5 ppm
Microbiological - Total Aerobic Microbial Count (cfu/g):	≤ 100
Microbiological - Escherichia Coli:	Passes Test
Microbiological - Pseudomonas aeruginosa:	Passes Test
Microbiological - Salmonella:	Passes Test
Microbiological - Staphylococcus aureus:	Passes Test
Microbiological - Total Yeast and Mold Count (cfu/g):	≤ 50
Ethylene glycol:	≤ 0.10 %
Diethylene glycol :	≤ 0.10 %