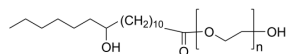


Solutol HS-15

Cat. No.:	HY-Y1893
CAS No.:	61909-81-7
Batch No.:	417759
Chemical Name:	Poly(oxy-1,2-ethanediyl), α -(12-hydroxy-1-oxooctadecyl)- ω -hydroxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$(C_2H_4O)_n C_{18}H_{36}O_3$
Storage:	4°C, sealed storage, away from moisture
Chemical Structure:	



ANALYTICAL DATA

Appearance:	Colorless to off-white (Oil)
Acid Value:	0.2 mg KOH/g
Hydroxyl Value:	105 mg KOH/g
Iodine Value:	0.5 g Iodine/100g
Peroxide value:	<1 meq/kg
Saponification Value:	59 mg KOH/g
Free macrogols:	32.6 g/100g
Nickel:	<1 mg/kg
Water (Karl-Fischer-Titration):	0.1 g/100g
Total ash:	0.1 g/100g
pH-Value (10 g/100mL water):	6.1
Freezing Point:	24°C
Ethylene Oxide:	<1 mg/kg
1,4-Dioxane:	<10 mg/kg
Diethylene glycol:	<100 mg/kg
Residual solvents acetic acid:	<0.5 g/100g
Residual solvents ethylene glycol:	<50 mg/kg
Total aerobic microbial count:	<10 CFU/g
Total combined yeasts/moulds count:	<10 CFU/g
Bacterial Endotoxin:	<3 IU/g

Conclusion:

The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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