

Certificate of Analysis

 Product Name:
 Solutol HS-15

 Cat. No.:
 CS-0040442

 CAS No.:
 61909-81-7

 Batch No.:
 86334

Chemical Name: Poly(oxy-1,2-ethanediyl), α -(12-hydroxy-1-oxooctadecyl)- ω -hydroxy-

PHYSICAL AND CHEMICAL PROPERTIES

Storage: 2-8°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: 104 mg KOH/g
Iodine Value (Hanus): 0.4 g Iodine/100g

Peroxide value: <1 meq/kg
Saponification Value: 59 mg KOH/g
Free macrogols 32.7 g/100g
Nickel: <1 mg/kg
Water: 0.1 g/100g
Total ash: 0.1 g/100g

pH-Value (100 g/L in water): 6.5 Freezing Point: 25

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 <50 mg/kg

glycol:

Total aerobic microbial count <10 CFU/g

(TAMC):

Total combined yeasts/moulds <10 CFU/g

count (TYMC):

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Bacterial endotoxine:	<9 I.U./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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