

## **Certificate of Analysis**

 Product Name:
 Solutol HS-15

 Cat. No.:
 CS-0040442

 CAS No.:
 61909-81-7

 Batch No.:
 41648

**Chemical Name:** Poly(oxy-1,2-ethanediyl),  $\alpha$ -(12-hydroxy-1-oxooctadecyl)- $\omega$ -hydroxy-

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:**  $(C_2H_{4O})nC_{18}H_{36}O_3$ 

**Storage:** 2-8°C, sealed storage, away from moisture

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Colorless to off-white (Oil)

Free macrogols: 32.6g/100g

pH-Value: 6.3

Acid Value: <1 mg KOH/g
Hydroxyl Value: 104mg KOH/g
Iodine Value: <2g lodine/100g

**Peroxide Value:** <3 meg/kg **Saponification Value:** 59mg KOH/g Water: 0.1g/100g Nickel: <1mg/kg **Heavy Metals:** <10 mg/kg **Ethylene Oxide:** <1 mg/kg 1,4-dioxane: <10mg/kg Diethylene glycol: <100mg/kg Residual solvents ethylene <50mg/kg

glycol:

Residual solvents acetic acid: 0.5g/100g

Total ash: 0.2g/100g

Freezing Point: 25 degree C

Total aerobic microbial count: <10 CUF/g

Total combined yeasts/moulds <10 CUF/g

count:

Page 1 of 2 www.ChemScene.com

Conclusion:	The product has	been tested and con	nplies with the given specific	cations.
Courtism Bradu	at has not been fully y	alidated for modical	annlications For receipts	oo only
Tel: 610-426-31		388-484-5008	applications. For research u E-mail: sales@ChemSc	
			unction, NJ 08852, USA	ene.com

Page 2 of 2 www.ChemScene.com