

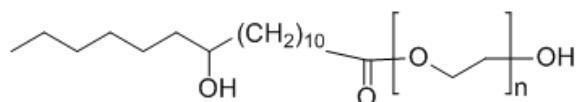
Certificate of Analysis

Product Name: Solutol HS-15
 Cat. No.: GC30012
 Batch No.: 6
 Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 61909-81-7
 Molecular Formula: $(C_2H_4O)_n C_{18}H_{36}O_3$
 Molecular Weight:
 Storage: Store at 4°C, sealed storage, away from moisture

Chemical Structure:



ANALYTICAL DATA

Appearance: An oil
 Acid Value: 0.2 mg KOH/g
 Hydroxyl Value: 102 mg KOH/g
 Iodine Value: 0.4 g Iodine/100g
 Peroxide value: <1 meq/kg
 Saponification Value: 59 mg KOH/g
 Free macrogols: 32.8 g/100g
 Nickel: <1 mg/kg
 Water (Karl-Fischer-Titration): 0.1 g/100g
 Total ash: 0.2 g/100g
 pH-Value (10 g/100mL water): 6.0
 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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