



**Certificate of Analysis**  
**(Representative Sample Certificate)**

Product Name: Polysorbate 80  
INCI Name: Polysorbate 80  
CAS Name: Sorbitan Monooleate, Ethoxylated  
CAS No: 9005-65-6  
Lot Number: N/A (Data may vary slightly with different lots or batches)  
Retest Date: 2 years from manufacture date

<b>Tests</b>	<b>Limits</b>	<b>Typical Result</b>
ACID VALUE	0.0 to 2.0	0.5 mg KOH/g
APPEARANCE@25C: CLEAR YELLOW LQD	PASS	PASS
1,4 DIOXANE	<1 PPM	<1 PPM
COLOR, GARDNER	0.0 to 5.0	4.0
WATER, %	0.00 to 3.00	2.38 %
HEAVY METALS	< 10.0 PPM	< 10.0 PPM
HYDROXYL VALUE	65.0 to 80.0	73.8 mg KOH/g
P.O.E.%, ANHYDROUS BASIS	65.0 to 69.5	68.0 %
SAPONIFICATION VALUE	45.0 to 55.0	49.1 mg KOH/g

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