

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-10-15 09:51:08
Date of Next Testing: 2029-10-14 09:51:08
Product Name: **Tween 80**
CAS Number: 9005-65-6
Specifications & Purity: viscous liquid
Lot #: L2123286
SKU #: **T104865**
Version: **1**
Analysis #: **586684**
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Acid Value	0-2 (mgKOH/g)	0.24000 mgKOH/g
Hydroxy Value	65-80 (mgKOH/g)	69.36000 mgKOH/g
Saponification value	45-55 (mgKOH/g)	45.13000 mgKOH/g
PH(1% in Water)	5.5-7.2	6.13000
Water by Karl Fischer	0-3 (%)	2.50000 %
Fatty Acid Composition(As Oleic Acid)	≥58 (%)	59.00000 %
Brookfield Viscosity(c = Neat at 25°C)	400-620 (mm ² /s)	442.36000 mm ² /s
Appearance (T104865)	Yellow to Yellow with a Green Cast Viscous Liquid	Yellow to Yellow with a Green Cast Viscous Liquid
Residues	Primarily Linoleic, Linolenic and Palmitic Acids	Primarily Linoleic, Linolenic and Palmitic Acids
Solubility in H ₂ O , Faint Yellow ;Clear to Slightly Hazy;c = 1ml/10ml	pass	Pass

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