

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-13 19:20:24
 Date of Next Testing: 2030-03-12 19:20:24
 Product Name: **Tween 80**
 CAS Number: 9005-65-6
 Specifications & Purity: viscous liquid
 Lot #: C2610339
 SKU #: **T104865**
 Version: **1**
 Analysis #: **663129**
 Storage Temperature: Protected from light, Room temperature, Cool

Parameter	Limit Values	Result
Acid Value	0-2 (mgKOH/g)	0.40000 mgKOH/g
Hydroxy Value	65-80 (mgKOH/g)	73.00000 mgKOH/g
Saponification value	45-55 (mgKOH/g)	48.00000 mgKOH/g
Water by Karl Fischer	0-3 (%)	2.50000 %
Fatty Acid Composition(As Oleic Acid)	≥58 (%)	74.00000 %
PH(1% in Water)	5.5-7.2	5.53000
Brookfield Viscosity(c = Neat at 25°C)	400-620 (mm ² /s)	402.00000 mm ² /s
Appearance (T104865)	Yellow to Yellow with a Green Cast	Yellow to Yellow with a Green Cast
	Viscous Liquid	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



John Su
QA & QC Manager