

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-21 10:18:17
 Date of Next Testing: 2029-08-20 10:18:17
 Product Name: **Tween 80**
 CAS Number: 9005-65-6
 Specifications & Purity: viscous liquid
 Lot #: H2514165
 SKU #: **T104865**
 Version: **1**
 Analysis #: **551933**
 Storage Temperature: Protected from light, Room temperature, Cool

Parameter	Limit Values	Result
Acid Value	0-2 (mgKOH/g)	0.20000 mgKOH/g
Hydroxy Value	65-80 (mgKOH/g)	65.20000 mgKOH/g
Saponification value	45-55 (mgKOH/g)	46.00000 mgKOH/g
PH(1% in Water)	5.5-7.2	5.51000
Water by Karl Fischer	0-3 (%)	2.50000 %
Fatty Acid Composition(As Oleic Acid)	≥58 (%)	58.10000 %
Brookfield Viscosity(c = Neat at 25°C)	400-620 (mm ² /s)	401.00000 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



John Su
QA & QC Manager