

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-03-13 16:04:49
Date of Next Testing:	2029-03-12 16:04:49
Product Name:	Tween 80
CAS Number:	9005-65-6
Specifications & Purity:	viscous liquid
Lot #:	C2505670
SKU #	T104865
Version	1
Analysis #:	475397
Storage Temperature:	Protected from light

Parameter	Limit Values	Result
Acid Value	0-2 (mgKOH/g)	0.10 mgKOH/g
Hydroxy Value	65-80 (mgKOH/g)	71.00 mgKOH/g
Saponification value	45-55 (mgKOH/g)	45.00 mgKOH/g
Water by Karl Fischer	0-3 (%)	2.60 %
Brookfield Viscosity(c = Neat at 25°C)	400-620 (mm ² /s)	442.00000 mm ² /s
PH(1% in Water)	5.5-7.2	5.52
Fatty Acid Composition(As Oleic Acid)	≥58 (%)	58.30 %
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