

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-18 10:35:19
Date of Next Testing: 2028-03-17 10:35:19
Product Name: **Tween 80**
CAS Number: 9005-65-6
Specifications & Purity: viscous liquid
Lot #: C2407298
SKU #: **T104865**
Analysis: **256602**
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Acid Value	0-2 (mgKOH/g)	1.20 mgKOH/g
Hydroxy Value	65-80 (mgKOH/g)	70.00 mgKOH/g
Saponification value	45-55 (mgKOH/g)	50.00 mgKOH/g
PH(1% in Water)	5.5-7.2	6.44
Water by Karl Fischer	0-3 (%)	1.50 %
Brookfield Viscosity(c = Neat at 25°C)	400-620 (cP)	557.00 cP
Fatty Acid Composition(As Oleic Acid)	≥58 (%)	59.00 %
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