

Certificate of Analysis

Date of Testing: 2024-06-24 17:10:25
Date of Next Testing: 2028-06-23 17:10:25
Product Name: **Tween 80**
CAS Number: 9005-65-6
Specifications & Purity: viscous liquid
Lot #: F2419276
SKU #: **T104865**
Version: **0**
Analysis #: **364971**
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Acid Value	0-2 (mgKOH/g)	0.40 mgKOH/g
Hydroxy Value	65-80 (mgKOH/g)	73.00 mgKOH/g
Saponification value	45-55 (mgKOH/g)	46.00 mgKOH/g
Water by Karl Fischer	0-3 (%)	2.50 %
Brookfield Viscosity(c = Neat at 25°C)	400-620 (cP)	440.00 cP
Fatty Acid Composition(As Oleic Acid)	≥58 (%)	77.60 %
PH(1% in Water)	5.5-7.2	5.60
Appearance (T104865)	Yellow to Yellow with a Green Cast	Yellow to Yellow with a Green Cast
Residues	Viscous Liquid	Viscous Liquid
	Primarily Linoleic,Linolenic and Palmitic Acids	Primarily Linoleic,Linolenic and Palmitic Acids
Solubility in H2O , Faint Yellow ;Clear to Slightly Hazy;c = 1ml/10ml	pass	Pass



John Su
QA & QC Manager