

## Certificate of Analysis

Date of Testing: 2022-02-22 16:00:03  
Date of Next Testing: 2026-02-21 16:00:03  
Product Name: **Tween 80**  
CAS Number: 9005-65-6  
Specifications & Purity: for cell culture  
Lot #: B2221218  
SKU #: **T118633**  
Analysis: **072155**

Parameter	Limit Values	Result
Brookfield Viscosity	400-620 (cP)	441.80 cP
PH(1% in Water)	5.5-7.2	6.80
Fatty Acid Composition(As Oleic Acid)	> 58 (%)	69.90 %
Appearance (T118633)	Yellow to Yellow with a Green Cast Viscous Liquid	Yellow to Yellow with a Green Cast Viscous Liquid
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass
Residues	Primarily Linoleic,Linolenic and Palmitic Acids	Primarily Linoleic,Linolenic and Palmitic Acids
Solubility in H2O , Clear to Slightly Hazy (1 gpass + 10 mL, H2O)		Pass



John Su  
QA & QC Manager