

## Certificate of Analysis

Date of Testing: 2022-09-23 18:35:04  
Date of Next Testing: 2026-09-22 18:35:04  
Product Name: **Tween 85**  
CAS Number: 9005-70-3  
Specifications & Purity:  
Lot #: I2222483  
SKU #: **T196271**  
**Analysis: 139738**

Parameter	Limit Values	Result
Water by Karl Fischer	4.8-5.2 (%)	5.00 %
Hydroxy Value	39-52 (mgKOH/g)	45.30 mgKOH/g
Saponification value	83-93 (mgKOH/g)	87.50 mgKOH/g
Appearance (T196271)	Yellow oily liquid	Yellow oily liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager