

Certificate of Analysis

Product Name:

TWEEN® 80 - suitable for cell culture, suitable for insect cell culture, viscous liquid

Product Number: P4780
Batch Number: BCCN5489
Brand: SIGMA
CAS Number: 9005-65-6
Quality Release Date: 19 AUG 2025
Recommended Retest Date: JUN 2031



Test	Specification	Result
Appearance (Color)	Colorless to Very Dark Yellow and Colorless to Brown-Yellow	Light Yellow
Appearance (Form)	Liquid or Viscous Liquid	Viscous Liquid
Purity (GC)	≥ 58.0 %	77.9 %
Oleic Acid		
GC Minor Component 1		5.6 %
Palmitic Acid		
GC Minor Component 2		1.6 %
Linoleic Acid		
GC Minor Component 3		0.0 %
Stearic Acid		
Solubility (Color)	Colorless to Yellow	Almost Colorless
Solubility (Turbidity)	Clear to Slightly Hazy	Clear
1 ml in 10 ml Water		
pH	5.5 - 7.2	6.3
1 % Solution		
Viscosity (Rotation)	400 - 620 mPa.s	458 mPa.s
Neat at 25 °C		
Cell Culture Testing	Pass	Pass
Insect Cell Test	Pass	Pass

Dr. Reinhold Schwenninger
Quality Assurance
Buchs, Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

