

Certificate of Analysis

Product Name: TWEEN™ 80
viscous liquid
Product Number: P1754
Batch Number: BCBJ8430V
Brand: Sigma-Aldrich
CAS Number: 9005-65-6
Formula:
Formula Weight:
Quality Release Date: 01 OCT 2012
Recommended Retest Date: SEP 2017

| TEST | SPECIFICATION | RESULT |
|------------------------|---|--|
| APPEARANCE (COLOR) | YELLOW TO YELLOW WITH A GREEN CAST | GREENISH YELLOW |
| APPEARANCE (FORM) | VISCOUS LIQUID | VISCOUS LIQUID |
| REMARKS ON GC | APPROX. 70% OLEIC ACID; BALANCE PRIMARILY LINOLEIC, PALMITIC, AND STEARIC ACIDS | 78.1 % OLEIC ACID; 4.9% PALMITIC ACID; STEARIC ACID 1.3 %; LINOLENIC ACID 0.1% |
| SOLUBILITY (COLOR) | FAINT YELLOW | VERY FAINTLY YELLOW |
| SOLUBILITY (TURBIDITY) | CLEAR TO SLIGHTLY HAZY | ALMOST CLEAR |
| SOLUBILITY (METHOD) | 1 ML IN 10 ML H2O | 1 ML IN 10 ML H2O |
| PH-TEST | 5.5 - 7.2 (1% SOLUTION) | 7.1 |
| VISCOSITY (ROTATION) | 400 - 620 CPS | 449.9 MPAS |
| VISCOSITY (CONDITIONS) | NEAT AT 25 DEG C | NEAT AT 25 DEG C |



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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.