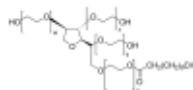


## Product Specification

Product Name:  
TWEEN® 20 - BioXtra, viscous liquid

Product Number: **P7949**  
CAS Number: 9005-64-5  
Formula: C58H114O26



TEST	Specification
Appearance (Color)	Colorless to Very Dark Yellow and Colorless to Brown-Yellow
Appearance (Form)	Viscous Liquid
Appearance (Turbidity)	Clear
Solubility (Color)	Colorless to Yellow
Solubility (Turbidity)	Clear
100 mg/ml in H2O	
Note	Conforms
May form Precipitate upon Standing which does not Affect Use	
Registered Trademark (Tween is a Registered Trademark of Croda International PLC)	
Purity (GC)	≥ 80 %
For F.A. Composition. Sum of Lauric, Myristic, Palmitic, and Stearic Acids	
GC Minor Component 1	40 - 100 %
For F.A. Composition. as Lauric Acid	
Residue on Ignition	≤ 0.2 %
Aluminum (Al)	≤ 5 mg/kg
Calcium (Ca)	≤ 5 mg/kg
Copper (Cu)	≤ 5 mg/kg
Iron (Fe)	≤ 5 mg/kg
Potassium (K)	≤ 50 mg/kg
Magnesium (Mg)	≤ 5 mg/kg
Sodium (Na)	≤ 500 mg/kg
Lead (Pb)	≤ 10 mg/kg
Zinc (Zn)	≤ 5 mg/kg

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](http://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.



3050 Spruce Street, Saint Louis, MO 63103, USA

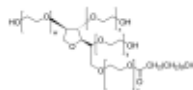
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## Product Specification

Product Name:  
TWEEN® 20 - BioXtra, viscous liquid

Product Number: **P7949**  
CAS Number: 9005-64-5

Formula: C<sub>58</sub>H<sub>114</sub>O<sub>26</sub>



TEST	Specification
Total Phosphorus as PO <sub>4</sub> (ICP)	≤ 500 mg/kg
Ammonium	≤ 500 mg/kg
Chloride (Cl)	≤ 500 mg/kg
Sulfate (SO <sub>4</sub> )	≤ 500 mg/kg

Specification: PRE.1.ZQ5.10000023858

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