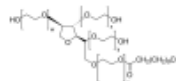


3050 Spruce Street, Saint Louis, MO 63103, USA
 Website: www.sigmaaldrich.com
 Email USA: techserv@sial.com
 Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
TWEEN® 20 - for molecular biology, viscous liquid

Product Number: P9416
Batch Number: SLBR6201V
Brand: SIGMA
CAS Number: 9005-64-5
MDL Number: MFCD00165986
Quality Release Date: 06 JUL 2016
Recommended Retest Date: JUL 2020



Test	Specification	Result
Appearance (Turbidity)	Clear	Clear
Appearance (Color)	Light Yellow to Yellow-Green and Faint Yellow to Dark Yellow	Yellow
Appearance (Form)	Viscous Liquid	Viscous Liquid
Solubility (Turbidity) 100 mg/mL, H ₂ O	Clear	Clear
Solubility (Color)	Very Faint Yellow to Yellow	Faint Yellow
Endonuclease	None Detected	None Detected
Exonuclease	None Detected	None Detected
RNase Detection	None Detected	None Detected
Purity (GC)	≥ 40 %	47 %
As lauric acid; balance primarily myristic, palmitic, and stearic acids		
Note	-----	-----
TWEEN is a registered trademark of Croda International PLC		

Rodney Burbach, Manager
 Analytical Services

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.

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Certificate of Analysis

Product Number: P9416
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St. Louis, Missouri US

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