

Certificate of Analysis

Product Name:

Span® 80 - nonionic surfactant

Product Number: S6760
Batch Number: MKCW1310
Brand: SIGMA
CAS Number: 1338-43-8
MDL Number: MFCD00080948
Formula: C₂₄H₄₄O₆
Formula Weight: 428.62 g/mol
Quality Release Date: 30 MAY 2024
Recommended Retest Date: MAY 2026



Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Yellow	Faint Yellow
Appearance (Form)	Viscous Liquid	Viscous Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Water (by Karl Fischer)	≤ 1.0 %	0.4 %
Solubility (Turbidity)	Clear	Clear
At 200 mg plus 4 ml of Ethanol		
Solubility (Color)	Very Faint Yellow to Faint Yellow	Faint Yellow
Saponification Value	145 - 160	157
Purity (GC)	≥ 60.0 %	68.4 %
Oleic Acid, Balance is Primarily Linoleic, Linolenic, and Palmitic Acids		
SPAN Is a Registered Trademark of CRODA International PLC		
Recommended Retest Period	-----	-----
2 Years		

Larry Coers, Director
Quality Control

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.



Certificate of Analysis

Product Number: S6760
Batch Number: MKCW1310

Milwaukee, WI US

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.

