

Certificate of Analysis

Date of Testing: 2023-07-20 11:40:24

Date of Next Testing: 2027-07-19 11:40:24

Product Name: **Span™ 80**

CAS Number: 1338-43-8

Specifications & Purity: pharmaceutical

Lot #: G2317158

SKU #: **S110840**

Analysis: 253132

Parameter	Limit Values	Result
Ignition Residue	0-0.5 (%)	0.00 %
Fatty acid	72-78 (%)	74.00 %
Polyols	25-31 (%)	26.91 %
Saponification value	145-160 (mg/g)	155.30 mg/g
viscosity	1000-1400 (mm ² /s)	1200.00 mm ² /s
Iodine value	62-76	67.89
Hydroxy Value	190-215 (mg/g)	201.00 mg/g
Acid Value	0-8 (mgKOH/g)	6.30 mgKOH/g
Water by Karl Fischer	0-1 (%)	0.15 %
Appearance (S110840)	Amber or red-brown liquid	Amber or red-brown liquid
TLC Analysis	One spot	One spot



John Su
QA & QC Manager