

Certificate of Analysis

Date of Testing: 2023-01-04 14:06:36

Date of Next Testing: 2027-01-03 14:06:36

Product Name: **Span™ 80**

CAS Number: 1338-43-8

Specifications & Purity: pharmaceutical

Lot #: L2217183

SKU #: **S110840**

Analysis: 173497

Parameter	Limit Values	Result
Ignition Residue	0-0.5 (%)	0.25 %
Fatty acid	72-78 (%)	73.50 %
Polyols	25-31 (%)	26.10 %
Saponification value	145-160 (mg/g)	153.40 mg/g
viscosity	1000-1400 (mm ² /s)	1130.00 mm ² /s
Iodine value	62-76	65.50
Hydroxy Value	190-215 (mg/g)	198.20 mg/g
Acid Value	0-8 (mgKOH/g)	6.20 mgKOH/g
Water by Karl Fischer	0-1 (%)	0.22 %
Appearance (S110840)	Amber or red-brown liquid	Amber or red-brown liquid
TLC Analysis	One spot	One spot



John Su
QA & QC Manager