

Certificate of Analysis

Date of Testing: 2023-01-04 14:11:38
Date of Next Testing: 2027-01-03 14:11:38
Product Name: **Span™ 80**
CAS Number: 1338-43-8
Specifications & Purity: nonionic surfactant
Lot #: L2217182
SKU #: **S110839**
Analysis: **164872**

Parameter	Limit Values	Result
Hydroxy Value	193-209 (mgKOH/g)	198.20 mgKOH/g
Purity(GC)(Oleic Acid)	60-100 (%)	85.50 %
Acid Value	5.5-7.5 (mgKOH/g)	6.20 mgKOH/g
Water by Karl Fischer	0-1 (%)	0.22 %
Saponification value(KOH)	145-160 (mgKOH/g)	153.40000 mgKOH/g
Appearance (S110839)	Clear Yellow Viscous Liquid	Clear Yellow Viscous Liquid
Residues	Primarily Linoleic, Linolenic and Palmitic Acids	Primarily Linoleic, Linolenic and Palmitic Acids
Solubility, colorless or yellow, clear (50mg/ml, ethanol)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager