

Certificate of Analysis

Date of Testing: 2024-03-18 16:28:07
Date of Next Testing: 2028-03-17 16:28:07
Product Name: **Span™ 80**
CAS Number: 1338-43-8
Specifications & Purity: nonionic surfactant
Lot #: C2407280
SKU #: **S110839**
Analysis: **247984**

Parameter	Limit Values	Result
Hydroxy Value	193-209 (mgKOH/g)	201.00 mgKOH/g
Purity(GC)(Oleic Acid)	60-100 (%)	80.33 %
Acid Value	5.5-7.5 (mgKOH/g)	6.30 mgKOH/g
Water by Karl Fischer	0-1 (%)	0.15 %
Saponification value(KOH)	145-160 (mgKOH/g)	155.30000 mgKOH/g
Appearance (S110839)	Clear Yellow Viscous Liquid	Clear Yellow Viscous Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Residues	Primarily Linoleic,Linolenic and Palmitic Acids	Primarily Linoleic,Linolenic and Palmitic Acids
Solubility,colorless or yellow, clear(50mg/ml, ethanol)	pass	Pass



John Su
QA & QC Manager