

Certificate of Analysis

Date of Testing: 2024-05-21 17:04:47
Date of Next Testing: 2028-05-20 17:04:47
Product Name: **Span® 80**
CAS Number: 1338-43-8
Specifications & Purity: nonionic surfactant
Lot #: E2409377
SKU #: **S110839**
Version: **3**
Analysis #: **350848**

Parameter	Limit Values	Result
Hydroxy Value	193-209 (mgKOH/g)	193.20 mgKOH/g
Purity(GC)(Oleic Acid)	60-100 (%)	62.10%
Acid Value	5.5-7.5 (mgKOH/g)	5.60 mgKOH/g
Water by Karl Fischer	0-1 (%)	0.70%
Saponification value(KOH)	145-160 (mgKOH/g)	145.50000 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