

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-21 16:41:14
 Date of Next Testing: 2028-05-20 16:41:14
 Product Name: **Span® 80**
 CAS Number: 1338-43-8
 Specifications & Purity: nonionic surfactant
 Lot #: E2409378
 SKU #: **S110839**
 Version: **4**
 Analysis #: **350848**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Hydroxy Value	193-209 (mgKOH/g)	193.20000 mgKOH/g
Purity(GC)(Oleic Acid)	60-100 (%)	62.10000 %
Acid Value	5.5-7.5 (mgKOH/g)	5.60000 mgKOH/g
Water by Karl Fischer	0-1 (%)	0.69850 %
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