

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-30 15:05:59

Date of Next Testing: 2028-04-29 15:05:59

Product Name: **Span™ 85**

CAS Number: 26266-58-0

Specifications & Purity: Nonionic Surfactants

Lot #: D2428043

SKU #: **S105180**

Version: **0**

Analysis #: **062471**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Palmitoleic Acid	2-6 (%)	3.56000 %
Water by Karl Fischer	0-1 (%)	0.08000 %
Hydroxy Value	56-68 (mgKOH/g)	65.50000 mgKOH/g
Saponification value	172-186 (mgKOH/g)	174.10000 mgKOH/g
Linoleic Acid	3-12 (%)	6.54000 %
Oleic Acid	≥60 (%)	62.50000 %
Acid Value	10-14 (mgKOH/g)	11.30000 mgKOH/g
Linolenic Acid	0-3 (%)	1.15000 %
Appearance (S105180)	Clear Yellow to Very Dark Yellow	Clear Yellow to Very Dark Yellow
	Viscous Liquid	Viscous Liquid
Solubility in CHCL3 , clear colorless to light yellow solution, 50mg/ml	pass	Pass



John Su
QA & QC Manager