

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-29 15:31:51

Date of Next Testing: 2027-11-28 15:31:51

Product Name: **Span™ 60**

CAS Number: 1338-41-6

Specifications & Purity: Nonionic Surfactants

Lot #: K2323070

SKU #: **S112961**

Version: **0**

Analysis #: **053236**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Hydroxy Value	235-260 (mgKOH/g)	249.10000 mgKOH/g
Acid Value	0-10 (mgKOH/g)	5.70000 mgKOH/g
Water by Karl Fischer	0-5 (%)	0.33000 %
Saponification value	147-157 (mgKOH/g)	149.70000 mgKOH/g
Purity(GC)(Stearic acid (18:0)	45-55 (%)	49.00000 %
Melting point	51-56 (°C)	54.80000 °C
Appearance (S112961)	White to Light Yellow Powder or Solid or chunks	White to Light Yellow Powder or Solid or chunks
Solubility,colorless to faint yellow,50mg/ml in ethanol	pass	Pass



John Su
QA & QC Manager