

Certificate of Analysis

Date of Testing: 2023-06-09 15:53:45

Date of Next Testing: 2027-06-08 15:53:45

Product Name: **Span 40**

CAS Number: 26266-57-9

Specifications & Purity: reagent grade

Lot #: F2303646

SKU #: **S112963**

Analysis: **213993**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	59.1-72.2 (%)	68.50 %
Melting point	45-52 (°C)	50.37000 °C
Water by Karl Fischer	0-1 (%)	0.07 %
Acid Value	4-7.5 (mgKOH/g)	4.32 mgKOH/g
Saponification value	140-155 (mgKOH/g)	141.03 mgKOH/g
Hydroxy Value	260-305 (mgKOH/g)	260.48 mgKOH/g
Appearance (S112963)	White to Yellow Powder or Crystals or particles or Chunks	White to Yellow Powder or Crystals or particles or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless to Yellow,Clear ; c = 50 mg/ml (5%)	pass	Pass



John Su
QA & QC Manager