

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-08 11:29:47

Date of Next Testing: 2030-05-07 11:29:47

Product Name: **Span 40**

CAS Number: 26266-57-9

Specifications & Purity: Reagent grade

Lot #: D2623658

SKU #: **S112963**

Version: **0**

Analysis #: **662780**

Storage Temperature: Room temperature

| Parameter                                                          | Limit Values                                              | Result                                                    |
|--------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| Carbon by Elemental Analysis                                       | 59.1-72.2 (%)                                             | 65.83500 %                                                |
| Melting point                                                      | 45-52 (°C)                                                | 50.23000 °C                                               |
| Water by Karl Fischer                                              | 0-1 (%)                                                   | 0.41140 %                                                 |
| Acid Value                                                         | 4-7.5 (mgKOH/g)                                           | 4.19000 mgKOH/g                                           |
| Saponification value                                               | 140-155 (mgKOH/g)                                         | 140.15000 mgKOH/g                                         |
| Hydroxy Value                                                      | 260-305 (mgKOH/g)                                         | 266.87000 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