

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-14 14:27:59

Date of Next Testing: 2029-04-13 14:27:59

Product Name: **Span 80**

CAS Number: 1338-43-8

Specifications & Purity: viscosity 1000-2000 mPa.s (20 °C)

Lot #: D2609047

SKU #: **S431923**

Version: **1**

Analysis #: **694467**

Storage Temperature: Room temperature

| Parameter                                                                | Limit Values                                                                                                                | Result                                                                                                                      |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Density(D20/4°C)                                                         | 0.985-0.995                                                                                                                 | 0.99070                                                                                                                     |
| HLB value                                                                | 3.3-5.3                                                                                                                     | 3.49800                                                                                                                     |
| Viscosity ( in 20°C, neat/rotational visc. Din 45/100 s-1 )              | 1.0-2.0 (Pa·s)                                                                                                              | 1.35500 Pa·s                                                                                                                |
| Appearance(S431923)                                                      | Yellow to Very Dark Yellow and Brown-Yellow to Very Dark Brown-Yellow and Brown to Very Dark Brown Liquid or Viscous Liquid | Yellow to Very Dark Yellow and Brown-Yellow to Very Dark Brown-Yellow and Brown to Very Dark Brown Liquid or Viscous Liquid |
| Infrared spectrum                                                        | Conforms to Structure                                                                                                       | Conforms to Structure                                                                                                       |
| Solubility, Colorless to Very Light Yellow, Clear, in 50mg/ml of toluene | Pass                                                                                                                        | Pass                                                                                                                        |



John Su  
QA & QC Manager