

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-09 11:36:28

Date of Next Testing: 2026-07-09 11:36:28

Product Name: **Sorbitan sesquioleate**

CAS Number: 8007-43-0

Specifications & Purity: nonionic surfactant

Lot #: L2009281

SKU #: **S134857**

Version: **0**

Analysis #: **383715**

Storage Temperature: Room temperature

| Parameter                           | Limit Values                            | Result                                  |
|-------------------------------------|-----------------------------------------|-----------------------------------------|
| Water by Karl Fischer               | 0-1 (%)                                 | 0.50000 %                               |
| Refractive index n <sub>20</sub> /D | 1.475-1.479                             | 1.47600                                 |
| Saponification value                | 149-160 (mgKOH/g)                       | 153.20000 mgKOH/g                       |
| Hydroxy Value                       | 185-215 (mgKOH/g)                       | 194.00000 mgKOH/g                       |
| Acid Value                          | 0-13 (mgKOH/g)                          | 7.30000 mgKOH/g                         |
| Viscosity(25 °C,neat)               | 1000-2000 (cP)                          | 1548.00000 cP                           |
| Appearance (S134857)                | Faint Yellow to Very Dark Yellow Liquid | Faint Yellow to Very Dark Yellow Liquid |



John Su  
QA & QC Manager