

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-11 15:24:35  
Date of Next Testing: 2025-08-10 15:24:35  
Product Name: **Poly(ethylene glycol) monolaurate**  
CAS Number: 9004-81-3  
Specifications & Purity: average Mn ~400  
Lot #: K2108447  
SKU #: **P134776**  
Version: **1**  
Analysis #: **263080**  
Storage Temperature: Room temperature

| Parameter            | Limit Values                | Result                      |
|----------------------|-----------------------------|-----------------------------|
| Molecular number     | 350-450                     | 376.00000                   |
| Acid Value           | 0-5 (mgKOH/g)               | 0.00000 mgKOH/g             |
| Saponification value | 149-159                     | 150.00000                   |
| Appearance (P134776) | Faint Yellow Viscous Liquid | Faint Yellow Viscous Liquid |
| Proton NMR spectrum  | Conforms to Structure       | Conforms to Structure       |



John Su  
QA & QC Manager