

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-14 15:09:35  
 Date of Next Testing: 2026-10-14 15:09:35  
 Product Name: **Nonaethylene glycol monododecyl ether (C12E9)**  
 CAS Number: 3055-99-0  
 Specifications & Purity: nonionic surfactant  
 Lot #: L2424576  
 SKU #: **N124623**  
 Version: **2**  
 Analysis #: **587286**

| Parameter                                                                      | Limit Values                                                | Result                                                      |
|--------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| Refractive index n <sub>20</sub> /D                                            | 1.44-1.46                                                   | 1.45                                                        |
| Appearance (N124623)                                                           | White to Colorless to Light Yellow Liquid to Powder to Lump | White to Colorless to Light Yellow Liquid to Powder to Lump |
| Infrared spectrum                                                              | Conforms to Structure                                       | Conforms to Structure                                       |
| Solubility in H <sub>2</sub> O , Colorless, Clear, 100 mg/mL, H <sub>2</sub> O | pass                                                        | Pass                                                        |
| Proton NMR spectrum                                                            | Conforms to Structure                                       | Conforms to Structure                                       |



John Su  
QA & QC Manager