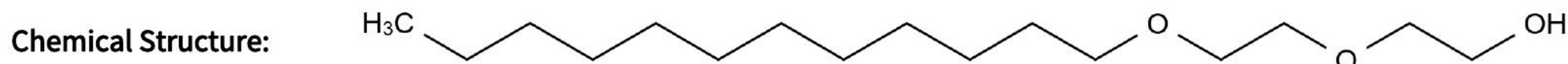


# Certificate of Analysis

## Reference Material & Standard

|                    |                                   |                   |                                           |
|--------------------|-----------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Diethyleneglycol Monolauryl Ether | Catalogue Number: | CCHM705440                                |
| Synonyms:          | N/A                               | Lot Number:       | 0531-RE-0027                              |
| CAS Number:        | 3055-93-4                         | Expiry Date:      | Nov 09, 2025                              |
| Molecular Formula: | C16H34O3                          | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 274.44                            |                   |                                           |



| Test Items     | Method            | Results              |
|----------------|-------------------|----------------------|
| Appearance     | Visual inspection | Clear Colourless Oil |
| Identification | LCMS&HNMR         | Confirmed            |
| Purity         | GC                | 99.0%                |
| Uncertainty    |                   | ±2.0%                |

## Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

## Signature:

Prepared by:

*Lisa*

Reviewed by:

*Xenia*

Aproved by General Manager:

*David*

Date: Nov 10, 2021

Date: Jun 07, 2023

Date: Jun 07, 2023

