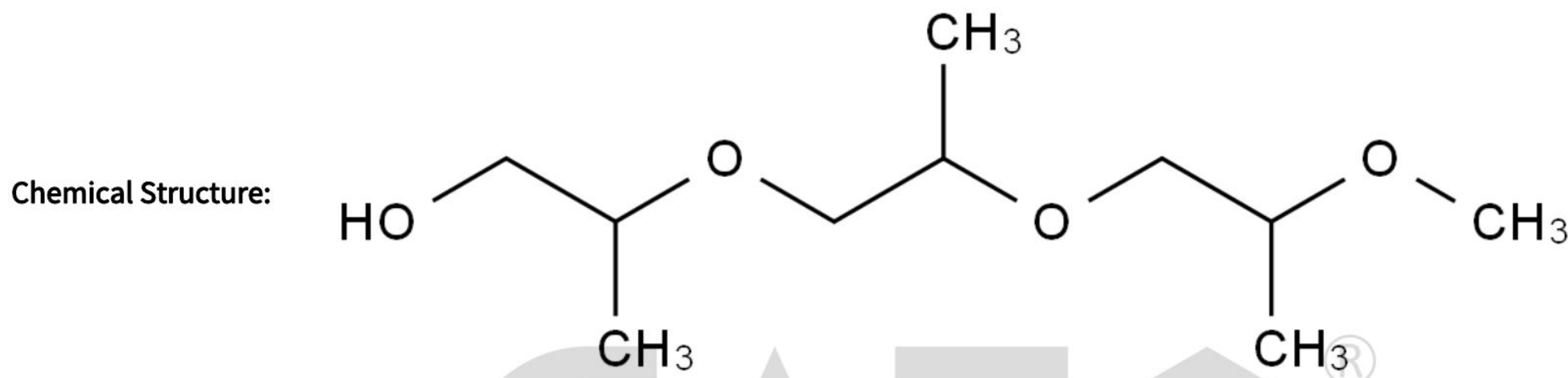


Certificate of Analysis

Reference Material

Product Name:	Trippropylene Glycol Monomethyl Ether	Catalogue Number:	CCEM500745
Chemical Name:	N/A	Lot Number:	0623-RD-0076
CAS Number:	25498-49-1	Expiry Date:	Jun 26, 2026
Molecular Formula:	C ₁₀ H ₂₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	206.28		



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.031%
Water Content	Karl Fischer	0.6062%
Assay		98.4%
Uncertainty		±2.0%

Comment:

- Mixture of isomers.
- The calculation of the 100% method follows the formula:

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity GC (\%)} / 100\%$$
 Water Content is considered as absolute effect, GC purity is considered as relative effect.
- 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:

Delia

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Jun 27, 2022

Date: Jun 28, 2022

Date: Jun 28, 2022

