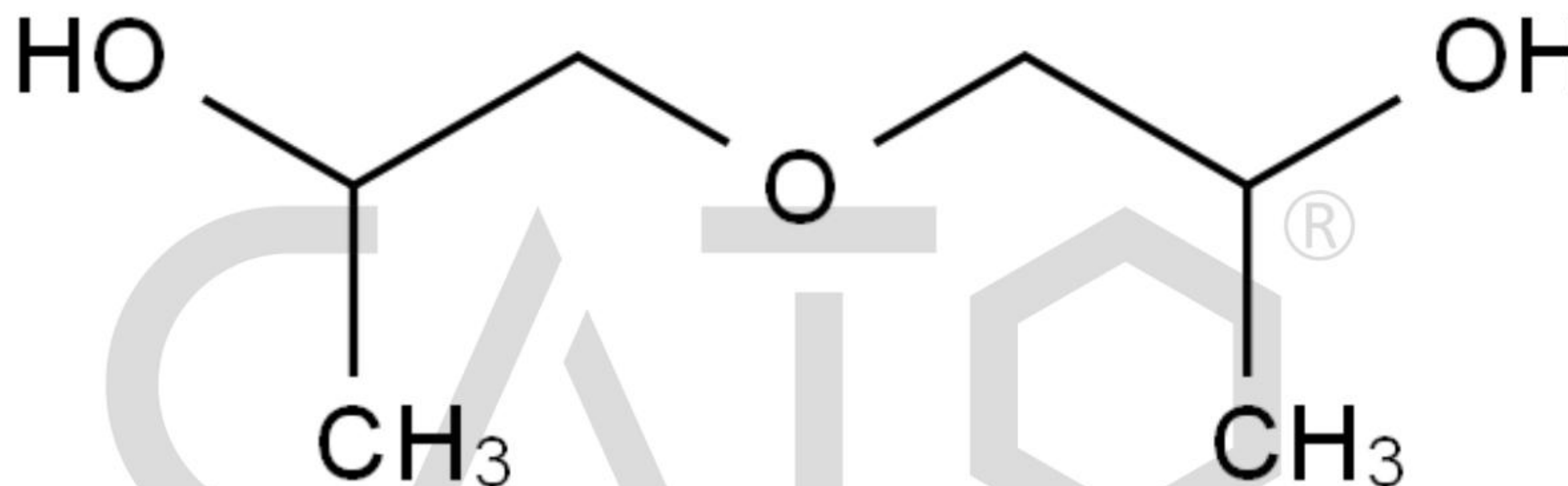


Certificate of Analysis

Reference Material & Standard

Product Name:	1,1-Oxydi-2-Propanol(Mixture of isomers)	Catalogue Number:	CCHM702506
Synonyms:	N/A	Lot Number:	0802-RD-0041
CAS Number:	110-98-5	Expiry Date:	Dec 17, 2027
Molecular Formula:	C ₆ H ₁₄ O ₃	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	134.17	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.000%
Water Content	Karl Fischer	0.1334%
Assay		99.9%
Uncertainty		±2.0%

Comment:

- Mixture of isomers. Mixture of CAS# 110-98-5, CAS# 106-62-7 and CAS# 108-61-2. Ratio unknown.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity GC (\%)} / 100\%$$
 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:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Dec 18, 2024

Date: Dec 18, 2024

Date: Dec 18, 2024



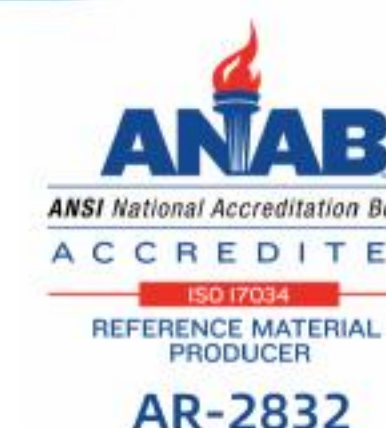
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