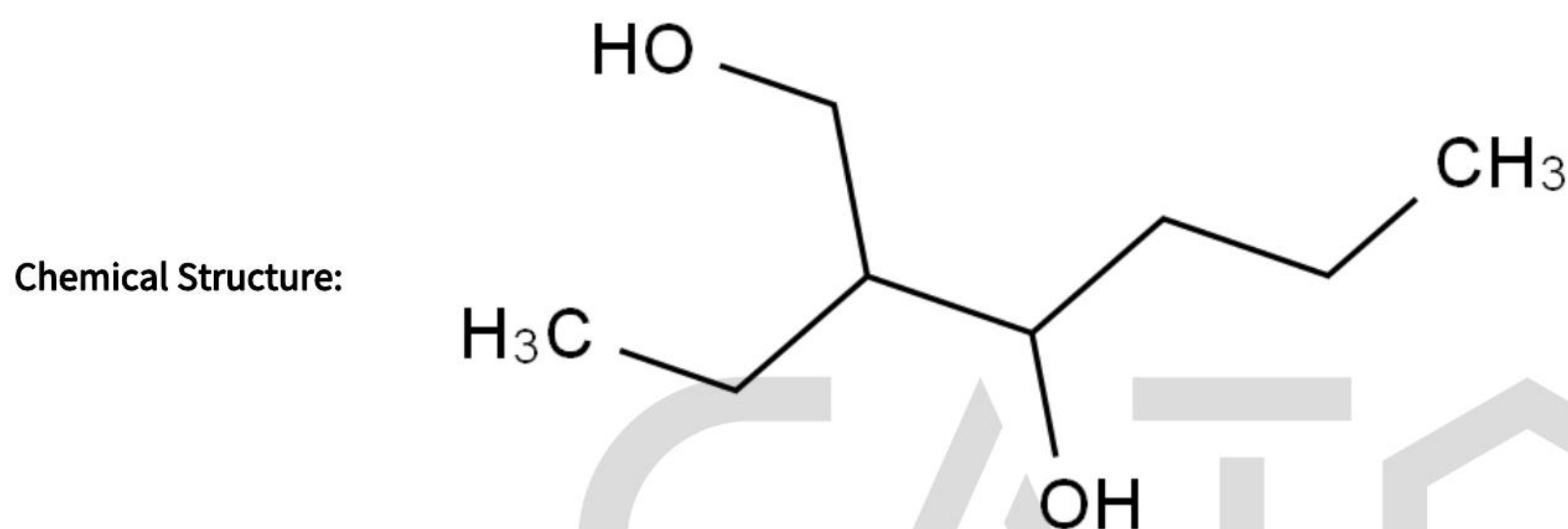


Certificate of Analysis

Reference Material

Product Name:	2-Ethyl-1,3-hexanediol	Catalogue Number:	CCEM500275
Chemical Name:	N/A	Lot Number:	0722-RA-0006
CAS Number:	94-96-2	Expiry Date:	Aug 08, 2026
Molecular Formula:	C ₈ H ₁₈ O ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	146.23		



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.000%
Water Content	Karl Fischer	0.6183%
Assay		99.4%
Uncertainty		±2.0%

Comment:

- Mixture of Diastereomers.
- The calculation of the 100% 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:

Delia

Reviewed by:

Xenia

Aproved by General manager:

David

Date: Aug 09, 2022

Date: Aug 09, 2022

Date: Aug 09, 2022

