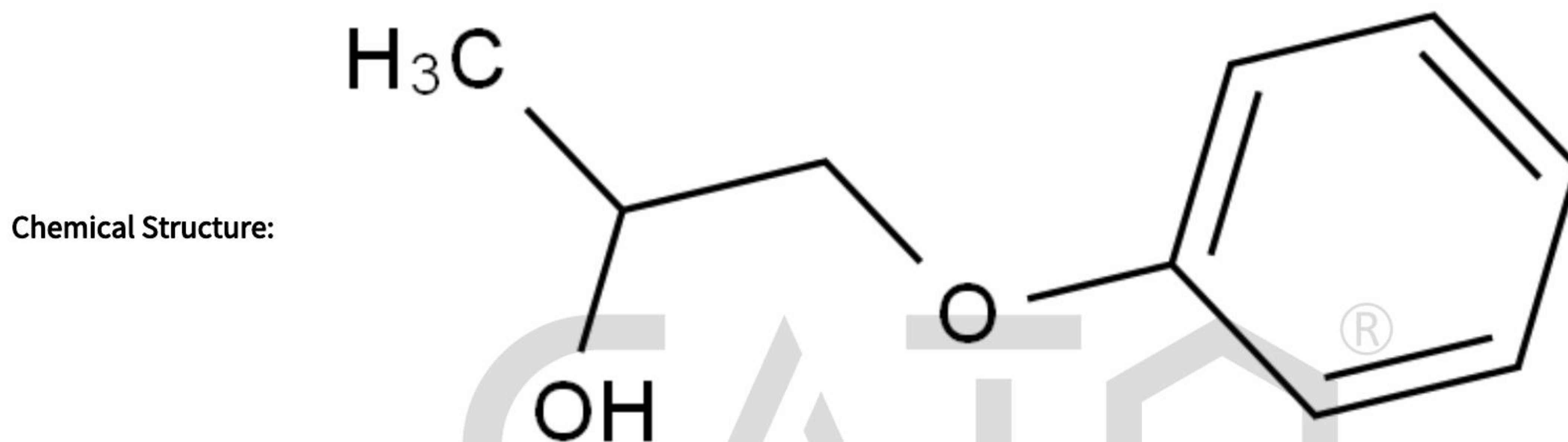


Certificate of Analysis

Reference Material

Product Name:	1-Phenoxy-2-Propanol	Catalogue Number:	CCEM500127
Chemical Name:	N/A	Lot Number:	0525-RD-0018
CAS Number:	770-35-4	Expiry Date:	Jun 26, 2027
Molecular Formula:	C ₉ H ₁₂ O ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	152.19		



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	88.547%
Water Content	Karl Fischer	1.6410%
Residue on Ignition	Muffle Furnace	0.17%
Assay		86.9%
Uncertainty		±2.0%

Comment:

1. The calculation of the 100% method follows the formula:

$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residue on Ignition}) * \text{Purity HPLC (\%)} / 100\%$

Water Content and Residue on Ignition are considered as absolute effect, HPLC purity is considered as relative effect.

2. 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

