

Certificate of Analysis

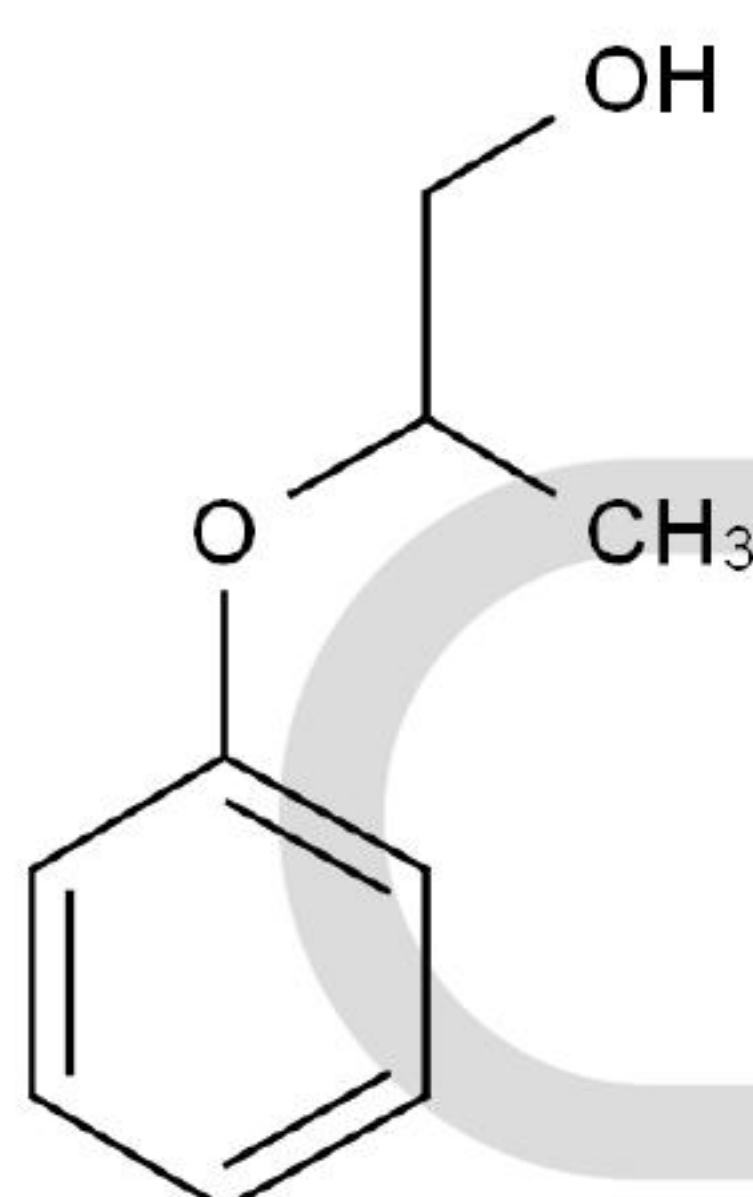
Reference Material & Standard

Product Name:	2-Phenoxypropanol	Catalogue Number:	CCHM703854
Synonyms:	N/A	Lot Number:	0703-RE-0108
CAS Number:	4169-04-4	Expiry Date:	Jul 05, 2027
Molecular Formula:	C ₉ H ₁₂ O ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	152.19	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.285%
Loss on Drying	TGA	2.6501%
Assay		96.7%
Uncertainty		±2.0%

Comment:

1. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$

Loss on Drying is 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 06, 2023

Date: Jul 07, 2023

Date: Jul 07, 2023



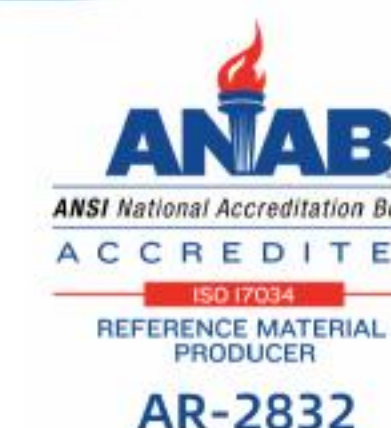
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