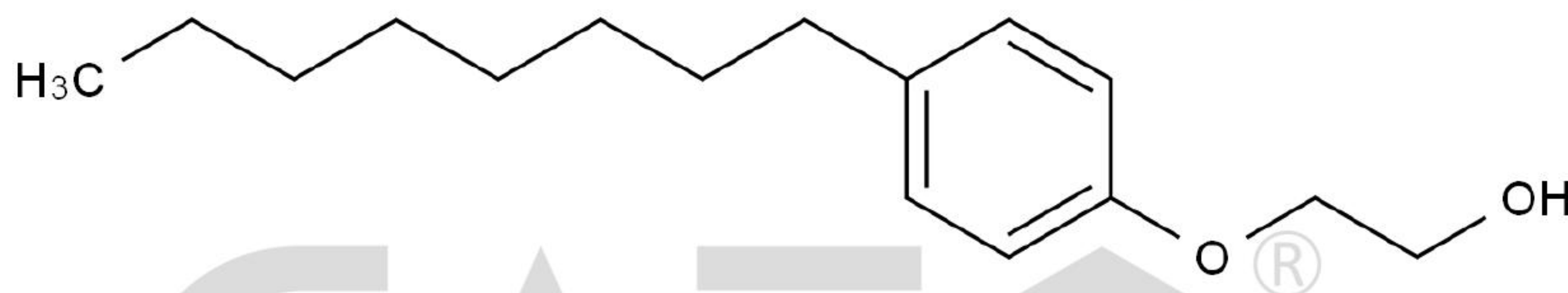


Certificate of Analysis

Reference Material & Standard

Product Name:	4-iso-Octylphenol-ethoxylate (mono-, di-, tri-) (technical)	Catalogue Number:	CWLT600077
Synonyms:	N/A	Lot Number:	0513-RF-0012
CAS Number:	9036-19-5	Expiry Date:	Jun 09, 2027
Molecular Formula:	C ₁₆ H ₂₆ O ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	250.38	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Assay		93.5%
Uncertainty		±3.0%

Comment:

1. Technical mixture of mono-, di-, and tri-ethoxylate.
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:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: May 14, 2024

Date: May 14, 2024

Date: May 14, 2024

