

Certificate of Analysis

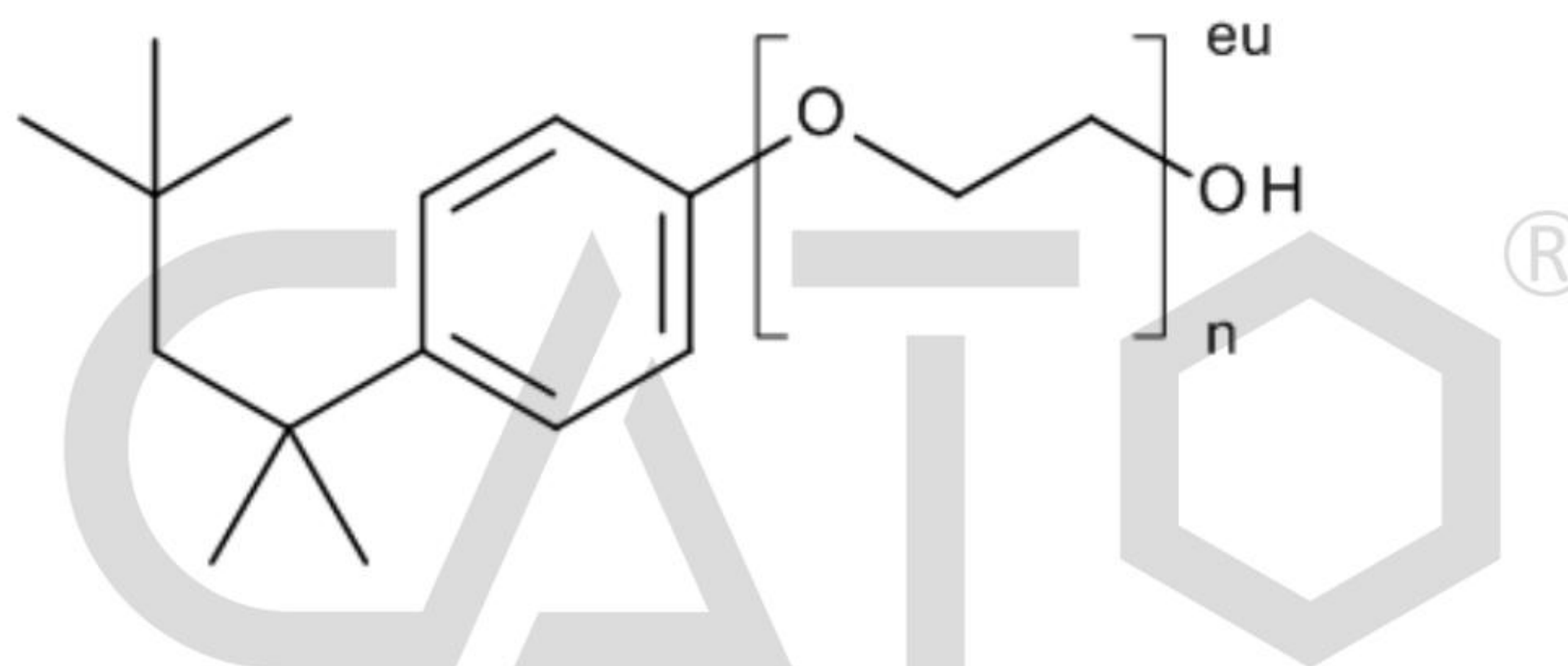
Reference Material & Standard

Product Name:	Triton X-100	Catalogue Number:	CCHM703698
Synonyms:	N/A	Lot Number:	1115-RD-0027
CAS Number:	9002-93-1	Expiry Date:	Apr 25, 2029
Molecular Formula:	$C_{14}H_{22}O \cdot (OCH_2CH_2)_n$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	N/A	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Clear Colourless Thick Oil
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	97.2%
Uncertainty		±0.6%

Comment:

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: Jul 17, 2025

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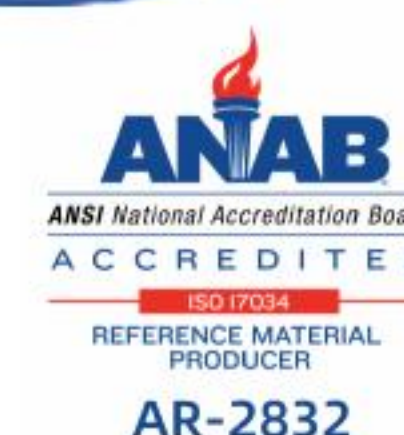
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