

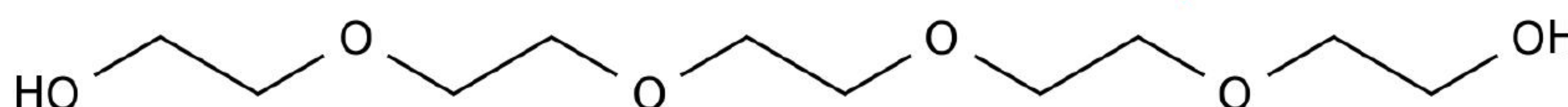
Certificate of Analysis

Reference Material & Standard

Product Name:	Pentaethylene Glycol	Catalogue Number:	CCHM703960
Synonyms:	N/A	Lot Number:	0321-RD-0012
CAS Number:	4792-15-8	Expiry Date:	Apr 09, 2029
Molecular Formula:	C10H22O6	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	238.28	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Oil
Identification	GCMS&HNMR	Confirmed
Assay	qNMR	97.2%
Uncertainty		±0.5%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
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:

Lisa

Approved by General Manager:

David

Date: Apr 10, 2025

Date: Apr 10, 2025

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