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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Poloxamer Liquid**

#### Identification:

Chemical Name:  $\alpha$ -Hydro- $\omega$ -hydroxypoly(oxyethylene)12-poly(oxypropylene)20-poly(oxyethylene)12 block copolymer

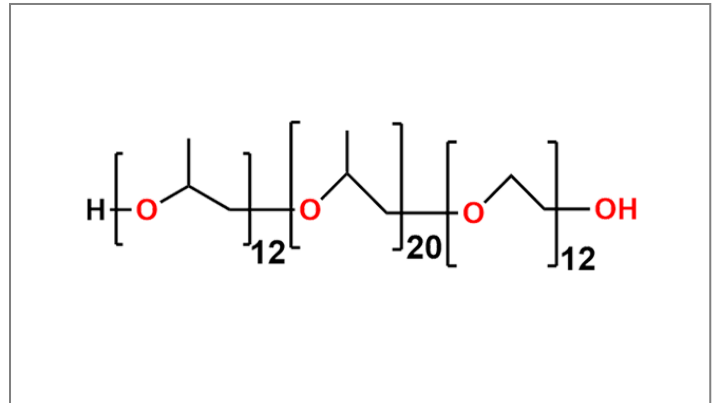
Synonyms : NA

CAS Number : 9003-11-6

CAT Number : CP-1546150

Molecular Formula :  $(C_2H_4O)_{12}(C_3H_6O)_{20}(C_2H_4O)_{12}-H$

Molecular Weight : 2234



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**



Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.