

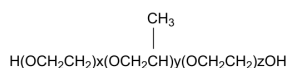
Poloxamer 407

Cat. No.:	HY-D1005
CAS No.:	9003-11-6
Batch No.:	282313
Chemical Name:	Oxirane, 2-methyl-, polymer with oxirane

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight:	12000(Average)		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
pH Value (1:40):	6.7
pH Value (1:10):	6.9
Water:	0.32%
Residual EO:	<1 ppm
Residual PO:	<1 ppm
Residual 1, 4 - Dioxane:	<1 ppm
Butylhydroxytoluene:	91 ppm
Heavy metals:	<20 ppm
Sum of EG and DEG:	≤0.25%
Oxyethylene:	72.5%
Unsaturation:	0.038 mEq/g
Total Ash:	<0.4%
Residue on ignition:	<0.3%
Arsenic:	<2 ppm
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA