



Specification for Poloxamer 188, NF (P1169)

Item Number	P1169
Item	Poloxamer 188, NF
CAS Number	9003-11-6
Molecular Formula	$\text{HO}(\text{C}_2\text{H}_4\text{O})_a(\text{C}_3\text{H}_6\text{O})_b(\text{C}_2\text{H}_4\text{O})_a\text{H}$
Molecular Weight	8400
MDL Number	
Synonyms	Polyethylene-Polypropylene Glycol ; Pluronic® F68

Test	Specification	
	Min	Max
AVERAGE MOLECULAR WEIGHT	7,680	9,510
WEIGHT PERCENT OXYETHYLENE	81.8 +/- 1.9 %	
pH OF A 1 IN 40 SOLUTION	5.0	7.5
UNSATURATION		0.034 mEq/g
ELEMENTAL IMPURITIES	AS REPORTED	
FREE ETHYLENE OXIDE		1 µg/g
FREE PROPYLENE OXIDE		5 µg/g
FREE 1,4-DIOXANE		5 µg/g
IDENTIFICATION	SPECTRUM MATCHES REFERENCE	
APPEARANCE		
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS:	AS REPORTED	
MONOGRAPH EDITION		

Spectrum Chemical Mfg Corp

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