

Item Number	P1159
Item	Polyoxyl 40 Stearate, Type II, NF
CAS Number	9004-99-3
Molecular Formula	
Molecular Weight	
MDL Number	
Synonyms	Myrj® 52 ; Polyethylene Glycol (40) Monostearate ; PEG-40 Stearate

Test	Specification	
	Min	Max
STEARIC ACID AND PALMITIC ACID	96.0 %	
STEARIC ACID	90.0	99.0 %
FREE POLYETHYLENE GLYCOLS	17	27 %
ALKALINITY	DOES NOT TURN RED	
HYDROXYL VALUE	25	40
SAPONIFICATION VALUE	25	35
CONGEALING TEMPERATURE	37°	47°C
ELEMENTAL IMPURITIES	AS REPORTED	
ETHYLENE OXIDE		1 ppm
DIOXANE		380 ppm
ACID VALUE		6.0
IODINE VALUE		3.0
PEROXIDE VALUE		10.0
ARTICLES OF BOTANICAL ORIGIN (TOTAL ASH)		0.3 %
WATER DETERMINATION		3.0 %
IDENTIFICATION A ( FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION B (stearic acid)	90.0	99.0 %
IDENTIFICATION B (stearic acid and palmitic acid)	96.0 %	
RETEST DATE		
MANUFACTURE DATE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

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