

Item Number	CA208
Item	Castor Oil, USP
CAS Number	8001-79-4
Molecular Formula	
Molecular Weight	
MDL Number	
Synonyms	Ricinus Communis (Castor) Seed Oil ; Ricinus Oil

Test	Specification	
	Min	Max
SPECIFIC GRAVITY @ 25°/25°C	0.957	0.961
TRIGLYCERIDE COMPOSITION:		
RRR	90.0 %	
RRL	2.0	4.0 %
RRO	2.5	5.0 %
RRS	0.2	0.8 %
HYDROXYL VALUE	160	168
FATS AND FIXED OILS, ACID VALUE		2.0
FATS AND FIXED OILS, PEROXIDE VALUE		10.0
FATS AND FIXED OILS, UNSAPONIFIABLE VALUE		0.8 %
WATER DETERMINATION		0.3 %
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION A, FATTY ACID COMPOSITION:	FATTY ACID PROFILE MEET REQUIREMENT	
PALMITIC ACID (C16:0)		2.0 %
STEARIC ACID (C18:0)		2.5 %
OLEIC ACID (C18:1)	2.5	6.0 %
LINOLEIC ACID (C18:2)	2.5	7.0 %
LINOLENIC ACID (C18:3)		1.0 %
cis-11-EICOSENOIC ACID (C20:1)		1.0 %
RICINOLEIC ACID	85.0	92.0 %
cis-11-OCTADECENOIC ACID OR ANY OTHER UNIDENTIFIED FATTY ACID		1.0 %
IDENTIFICATION B: DISTINCTION FROM MOST OTHER FIXED OILS	SLIGHTLY SOLUBLE IN SOLVENT HEXANE	

Test	Specification	
	Min	Max
IDENTIFICATION C: ULTRAVIOLET ABSORPTION @270 nm	0.7	1.5
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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