

## SPECIFICATION

Version Number	6	Revision Date	05/03/2019
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PRODUCT IDENTIFIER	
Product Name	Castor Organic Oil India
Biological Definition	Ricinus Communis Seed Oil is the fixed oil obtained from the seeds of Castor, Ricinus Communis, Euphorbiaceae
INCI Name	Ricinus Communis Seed Oil
Internal Product Code	R00114
CAS Number	8001-79-4
EINECS Number	232-293-8

ANALYTICAL DETAILS	RANGE
Appearance	Pale yellow to yellow viscous liquid
Odour	Characteristic
Relative Density @ 20/30°C	0.952 – 0.965
Refractive Index @ 20°C	1.477 – 1.481
Acid Value	≤2.0
FFA (% as oleic acid)	≤1.0
Peroxide Value	≤15.0
Iodine Value	82.0 – 90.0
Saponification Value	176 – 187
Hydroxyl Value	155 – 185

<b>Fatty Acid Profile</b>	C16:0	Palmitic	≤2.0
	C18:0	Stearic	≤2.5
	C18:1	Oleic	2.5 – 7.0
	C18:1 (OH)	Ricinoleic	82.0 – 95.0
	C18:2	Linoleic	2.5 – 7.0
	C18:3	Alpha Linolenic	≤1.0
	C20:1	Eicosenoic	≤1.0

Shelf Life	24 Months
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Each batch supplied is accompanied by a Certificate of Analysis which shall include results for the parameters listed above. However when more data is available we will include on the Certificate of Analysis for your information. We cannot guarantee these results for each batch we supply. The information contained herein is believed to be true and correct at the time of our response. It is not, and should not be construed as, a guarantee or warranty, or a part of our contractual or other legal obligations. Disclosure, reproduction or transmission, in whole or in part, without prior written consent of Kerfoot, Avril Group is not permitted.

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