



Escentials of Australia

Certificate of Analysis

CASTOR OIL ORGANIC

Botanical: *Ricinus communis*

Country of Origin INDIA

Extraction: Cold Pressing & refining

Cas 8001-79-4



Acid Value:	0.29
Hydroxyl Value:	169
SG (at 20°C):	0.962
Iodine Value	84
RI	1.4790
OR	+ 4.3
Water	0.20%
Colour lovibond 5 1/4" yellow	7.6
Colour lovibond 5 1/4" red	0.9

Fatty Acid Composition %

Ricinoleic acid	90.3
C:16:0Palmitic acid	1.0
C:18:0Stearic acid	1.1
C:18:1Oleic acid	2.6
C:18:2Linoleic acid	3.9
C:18:3Linolenic acid	0.4
Eicosenoic acid	0.3

Batch No 1305001

Shelf life 3 years

Retest after 18 months

Compiled May 2020

Acid Value:	0.26
Hydroxyl Value:	155
SG (at 20°C):	0.962
Iodine Value	85.0%
RI	1.4790
OR	+ 4.3
Water	0.20%
Colour lovibond 5 1/4" yellow	9.0
Colour lovibond 5 1/4" red	0.9

Fatty Acid Composition %

Ricinoleic acid	90.1
Palmitic acid	1.0
Stearic acid	1.2
Oleic acid	2.5
Linoleic acid	4.0
Linolenic acid	0.4
Eicosenoic acid	0.3



Batch No 13.....

Shelf life 3 years

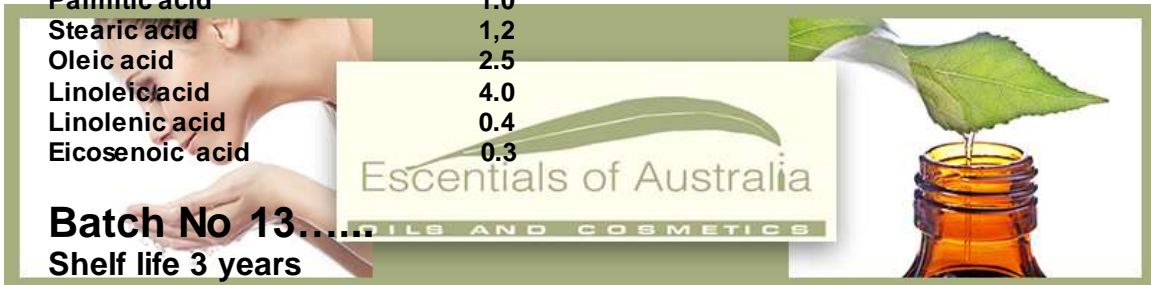
Retest after 18 months

Compiled Feb 2020

Acid Value:	0.28
Hydroxyl Value:	163.4
SG (at 20°C):	0.959
Iodine Value	85.6%
RI	1.4780
OR	+ 4.4
Unsaponifiable matter	0.34%
Water	0.19%

Fatty Acid Composition %

Ricinoleic acid	90.1
Palmitic acid	1.0
Stearic acid	1.2
Oleic acid	2.5
Linoleic acid	4.0
Linolenic acid	0.4
Eicosenoic acid	0.3



Batch No 13.....

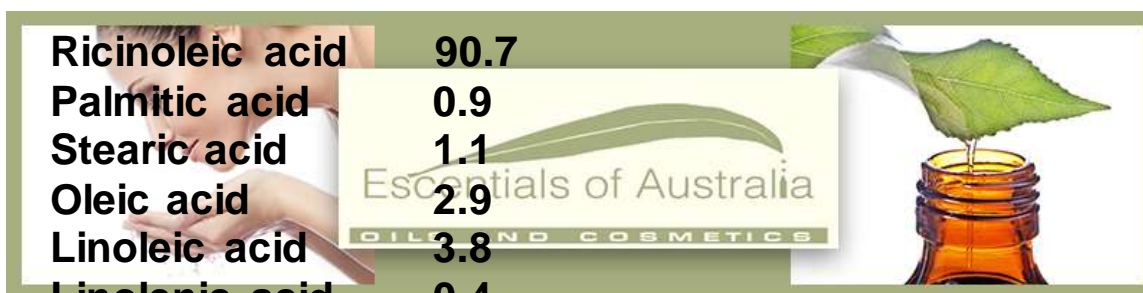
Shelf life 3 years

Retest after 18 months

Compiled Feb 2020

Peroxide Value: Max 5.0 Meq/kg
Acid Value: 0.32
Hydroxyl Value: 152
SG (at 20°C): 0.961
RI 1.4780
OR + 4.4
Unsaponifiable matter 0.5%
Water 0.2%
Colour Gardner 1.5

Acid Composition %



Ricinoleic acid	90.7
Palmitic acid	0.9
Stearic acid	1.1
Oleic acid	2.9
Linoleic acid	3.8
Linolenic acid	0.4
Eicosenoic acid	0.2

This product is not genetically modified. It has not been contaminated with any animal derived materials.

Batch No 1110.... 1111..

Shelf life 3 years

Retest after 18 months

Compiled Nov 2018



Escentials of Australia

OILS AND COSMETICS