



## CERTIFICATE OF ANALYSIS

**Product: Castor CP Virgin Organic**

**INCI Name: Ricinus Communis Seed Oil**

**CAS No: 8001-79-4 EINECS No: 232-293-8**

**Countries of Origin: India**

**Batch Code: 105446**

Test	Result
Specific gravity (20-degree C)	0.962
Refractive index (20-degree C)	1.48
Optical rotation	4.3
Specific absorbance at 269 nm	0.135
Specific absorbance at 270 nm	0.136
Acid value	0.65
Hydroxyl value	162
Peroxide value	0.5 (at retest)
Iodine value	84
Unsaponifiable Matter	0.6%
Water	0.1%
Colour gardner	1.5
Colour Lovibond 5 1/4" yellow	8.1
Colour Lovibond 5 1/4" red	0.8
<b>Fatty acid composition</b>	
Palmitic acid (C 16:0)	1 %
Stearic acid (C 18:0)	1.2 %
Oleic acid (C 18:1)	2.7 %
Linoleic acid (C 18:2)	4.1 %
Linolenic acid (C 18:3)	0.5 %
Eicosenoic acid (C 20:1)	0.3 %
Ricinoleic acid	89.9 %
any other fatty acid	< 0.1 %

**Manufacture Date: Oct 2017**

**Best Before: March 2019**

**Retest Date: 26/07/18**

**New Best Before: July 2020**

Shelf life of this product depends very much on storage conditions, particularly temperature and exposure to light and air.

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Expiry date must be considered as subjective; the expiry date given here is based on the best of our knowledge and experience of the material when stored under recommended conditions in original unopened containers.

Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour or consistency. However, we ensure that this does not affect the quality and efficiency of the products in any way.

We hereby certify that the above material meets the required specification and is released for free sale.

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Full registered company name: The Naissance Trading & Innovation Company Limited  
Company registration number: 5599148 | Place of registration: UK | VAT number: GB932883889  
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