

CERTIFICATE OF ANALYSIS
ORGANIC CASTOR OIL

Customer:	The Soap Kitchen	Order No:	-
Quantity:	3 x 25kgs	Batch No:	KMO2152
Date:	01.04.2019	Code No:	-
Supplier Ref:	2423		

Appearance: A clear pale yellow liquid
Odour: Very slight, characteristic.

TEST	SPECIFICATION	ANALYSIS
Specific Gravity @ 20°C	0.954 – 0.980	0.9560
Refractive Index @ 20°C	1.470 – 1.481	1.478
Peroxide Value (Meq O ₂ / Kg)	< 10.0	4.14
Iodine Value (G/100g)	82.0 – 90.0	87.38
Acid Value	< 2.0	1.39
Saponification Value (Mg Koh/Gr)	177.0 – 187.0	180.21
Hydroxyl Value (Mgkoh/G)	>150.0	160.22

FATTY ACID PROFILE (%)	SPECIFICATION	ANALYSIS
C 16:0 Palmitic Acid	<2.0	1.12
C 18:0 Stearic Acid	<2.5	1.4
C 18:1 Oleic Acid	2.0 – 6.0	3.42
C 18:1 (OH) Ricinoleic Acid	85.0 – 95.0	88.55
C 18:2 Linoleic Acid	1.0 – 7.0	4.40
C 18:3 Linolenic	<1.0	0.40

Date of Manufacturing: March 2019
Date of Expiry: March 2021

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