



**CERTIFICATE OF ANALYSIS**  
**CHERRY KERNEL OIL**

Customer:	The Soap Kitchen	Order No:	-
Quantity:	2 x 5 kilos	Batch No:	KMO1099
Date:	14.02.2019	Code No:	-
Supplier Ref:	S33/312		

**Description:** A clear, yellowish oily liquid with a faint/characteristic odour.

TEST	SPECIFICATION	ANALYSIS
Acid Value (% as Oleic)	0.5 maximum	0.1
Peroxide Value (meqO <sub>2</sub> /kg)	5.0 maximum	1.0
Refractive Index @ 20°C	1.465 – 1.475	1.471
Specific Gravity @ 15.5°C	0.910 – 0.920	0.915
Iodine Value (grl <sup>2</sup> /100g)	110 - 130	120
Saponification Value	183 - 197	194
Colour (Lovibond 5.25" cell)	30.0 Yellow maximum	29.0
	3.0 Red maximum	1.6

FATTY ACID PROFILE (%)		
C16:0 Palmitic Acid	5 - 9	7.5
C18:0 Stearic Acid	1.5 - 3	2.3
C18:1 Oleic Acid	35 - 60	35.4
C18:2 Linoleic Acid	25 - 50	44.2
C18:3 Alpha Linolenic Acid	10 maximum	8.6
C20:0 Icosanoic Acid	1.5 maximum	0.3

**Date of Manufacture:** May 2018  
**Date of Expiry:** May 2020

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