

The Soap Kitchen
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CERTIFICATE OF ANALYSIS
CHERRY KERNEL OIL

Customer:	The Soap Kitchen	Order No:	3.2.17
Quantity:	1 x 5 kilo container	Batch No:	KMO1013
Date:	9.2.2017	Code No:	-
Supplier Ref:	124315		

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 ₂ /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 ² /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: November 2015

Date of Expiry: November 2017