



CERTIFICATE OF ANALYSIS
CACAY OIL

Customer:	The Soap Kitchen	Order No:	-
Quantity:	2 x 5 Kilos	Batch No:	KMO1724
Date:	14.03.2019	Code No:	-
Supplier Ref:	32428-01		

Description: Liquid, Yellow to Brown
Odour: Characteristic.

TEST	SPECIFICATION	ANALYSIS (ex-factory)
Specific Gravity @ 20°C (g/ml)	0.900 – 0.980	0.925
Refractive Index @ 20°C	1.400 – 1.490	1.477
Acid Value (mgKOH/g)	20.0 maximum	0.24
Peroxide Value (meq KOH/kg)	30.0 maximum	3.9
Saponification Value (mg/KOH/g)	150.0 – 250.0	192.0
Iodine Value (gI ₂ /100g)	100.0 – 180.0	160.0

FATTY ACID PROFILE (%)		
C14:0 Myristic Acid	0.1 – 0.3	0.14
C16:0 Palmitic Acid	8.0 – 13.0	8.6
C16:1 Palmitoleic Acid	0.1 – 0.3	0.1
C18:0 Stearic Acid	2.0 – 5.0	2.1
C18:1 Oleic Acid	8.0 – 16.0	9.3
C18:2 Linoleic Acid	55.0 – 85.0	72.7
C20:0 Arachidic Acid	≤ 0.7	0.3

Date of Manufacture: March 2019
Date of Expiry: March 2021

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