



The Soap Kitchen (2011) Ltd
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CERTIFICATE OF ANALYSIS
MEADOWFOAM OIL

Customer:	The Soap Kitchen	Order No:	-
Quantity:	2 x 5 kilo	Batch No:	KMO1438
Date:	04.03.2020	Code No:	-
Supplier Ref:	0712170		

Appearance @ 20°C: A clear, golden yellow liquid.
Odour: Free from rancid & foreign odours.

TEST	SPECIFICATION	ANALYSIS
Iodine Value (wijs)	85 – 96	85.6
Peroxide Value (meqKOH/kg)	1.0 maximum	0.91
Colour (lovibond 5¼" cell)	15 Yellow maximum	Complies
	1.5 Red maximum	Complies
Saponification Value	160 - 175	165.25
Unsaponifiable Matter (%)	1.5 maximum	0.58
Specific Gravity @ 20°C	0.888 – 0.928	0.909
Refractive Index @ 20°C	1.452 – 1.492	1.471
Free Fatty Acid Value (%)	0.05 maximum	0.05

FATTY ACID PROFILE (%)		
C20:1 (δ 5)	58 – 64	63.4
C22:1 (δ 5)	3 - 6	4.3
C22:1 (δ 13)	10 - 14	13.1
C22:2 (δ 5, 13)	15 - 21	15.4

Date of Manufacture: February 2020
Date of Expiry: February 2022

This COA is produced electronically therefore no signature is required.