

**The Soap Kitchen (2011) Ltd**

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CERTIFICATE OF ANALYSIS

PRODUCT NAME: CUCUMBER OIL, COLD PRESSED

LOT NUMBER: LOT0008160

PRODUCT INCI: CUCUMIS SATIVUS OIL

PRODUCT CODE: K0166

CAS NUMBER: 70955-25-8

EINECS NUMBER: 289-738-4

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 17/09/2020

BEST BEFORE DATE: 17/03/2022

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE	OILY LIQUID		-
ODOUR	CHARACTERISTIC		-
COLOUR	CLEAR - YELLOW - GOLDEN		-
REFRACTIVE INDEX @ 20°C	1.470 – 1.480		1.473
SPECIFIC GRAVITY @ 20°C	0.910 – 0.931		0.915
PEROXIDE VALUE (MEQ O ₂ / KG)	<40.0		1.24
IODINE VALUE	110.0 – 140.0		125.0
FREE FATTY ACID	<2.5		1.5
SAPONIFICATION VALUE	180.0 – 190.0		185.2
ACID VALUE	<5.0		2.8

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C14:0	MIRYSTIC	<0.2	-
C16:0	PALMITIC	7.0 – 14.0	6.0
C16:1	PALMITOLEIC	<1.0	-
C18:0	STEARIC	5.0 - 15.0	5.0
C18:1	OLEIC	5.0 – 30.0	17.5
C18:2	LINOLEIC	50.0 – 75.0	50.0
C18:3	LINOLENIC	<2.0	-
C20:1	EICOSAENOIC	<0.1	-
C22:2	DOCOSADIENOIC	<0.2	-
OTHERS			-