



CERTIFICATE OF ANALYSIS

PRODUCT NAME: CUCUMBER OIL, COLD PRESSED

LOT NUMBER: LOT0001587

PRODUCT INCI: CUCUMIS SATIVUS

PRODUCT CODE: K0166

CAS NUMBER: 70955-25-8

EINECS NUMBER: 289-738-4

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 23/10/2018

BEST BEFORE DATE: 23/03/2020

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
ODOUR	CHARACTERISTIC	-
COLOUR	CLEAR - YELLOW - GOLDEN	-
REFRACTIVE INDEX @ 20°C	1.470 – 1.480	1.477
SPECIFIC GRAVITY @ 20°C	0.910 – 0.931	0.912
PEROXIDE VALUE (MEQ O ₂ / KG)	<40.0	1.24
IODINE VALUE	110.0 – 140.0	125.0
FREE FATTY ACID	<2.5	0.7
SAPONIFICATION VALUE	180.0 – 190.0	183.0
ACID VALUE	<5.0	2.80

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C14:0	MIRYSTIC	<0.2	0.11
C16:0	PALMITIC	7.0 – 14.0	7.0
C16:1	PALMITOLEIC	<1.0	0.3
C18:0	STEARIC	5.0 - 15.0	8.6
C18:1	OLEIC	5.0 – 30.0	17.5
C18:2	LINOLEIC	50.0 – 75.0	54.2
C18:3	LINOLENIC	<2.0	0.7
C20:1	EICOSAENOIC	<0.1	0.3
C22:2	DOCOSADIENOIC	<0.2	-
OTHERS			9.99

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