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CERTIFICATE OF ANALYSIS

PRODUCT NAME: SEABUCKTHORN FRUIT PULP, COLD PRESSED

LOT NUMBER: LOT0005407

PRODUCT INCI: HIPPOPHAE RHAMNOIDES FRUIT OIL

PRODUCT CODE: K0414

CAS NUMBER: 225234-03-7

EINECS NUMBER: 290-292-8

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 23/01/2020

BEST BEFORE DATE: 23/07/2021

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE		OILY LIQUID	-
COLOUR		ORANGE – DARK ORANGE - RED	-
ODOUR		CHARACTERISTIC	-
REFRACTIVE INDEX @ 20°C		1.420 – 1.510	1.470
SPECIFIC GRAVITY @ 20°C		0.900 – 0.940	0.920
FREE FATTY ACID (% AS OLEIC)		<10.0	0.21
IODINE VALUE		30.0 – 110.0	70.0
PEROXIDE VALUE		<20.0	0.2
ACID VALUE		<20.0	0.75
SAPONIFICATION VALUE		145.0 – 210.0	-

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	6.0 – 20.0	6.9
C16:1	PALMITOLEIC	>17.5	-
C18:0	STEARIC	<7.0	2.27
C18:1	OLEIC	>15.0	28.42
C18:2	LINOLEIC	30.0 – 60.0	56.48
C18:3	ALPHA LINOLENIC	<7.0	5.39