

CERTIFICATE OF ANALYSIS

Bomar : R0130 (LOT NUMBER: LOT0012765)

PRODUCT NAME: PAPAYA SEED OIL, REFINED

PRODUCT INCI: CARICA PAPAYA SEED OIL

PRODUCT CODE: K0336

CAS NUMBER: 84012-30-6

EINECS NUMBER: 281-675-0

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURING DATE: 12/06/22

BEST BEFORE DATE: 12/06/24

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	LIGHT YELLOW - GREEN	-
COLOUR (LOVIBOND)	<50Y, 5.0R	16Y, 1.0R
ODOUR	ODOURLESS	-
RELATIVE DENSITY @ 20°C	0.915 – 0.940	0.920
SAPONIFICATION VALUE	180.0 – 200.0	190.0
UNSATURATED MATTER	<1.5	0.5
FREE FATTY ACID (% AS OLEIC)	<0.4	0.1
PEROXIDE VALUE	<10.0	1.0
IODINE VALUE	75 – 90	81.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C12:0	LAURIC	<0.1	<0.1
C14:0	MYRISTIC	<0.2	<0.2
C16:0	PALMITIC	14.0 – 16.0	15.8
C16:1	PALMITOLEIC	<1.0	0.2
C18:0	STEARIC	2.0 – 5.0	3.2
C18:1	OLEIC	67.0 – 78.0	68.2
C18:2	LINOLEIC	5.0 – 15.0	10.8
C18:3	LINOLENIC	<0.5	0.2
C20:0	ARACHIDIC	<1.0	0.3
C20:1	EICOSENOIC	<1.0	0.2
C22:0	BEHENIC	<1.0	0.5
C24:0	LIGNOCERIC	<0.5	0.1

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