



CERTIFICATE OF ANALYSIS

PRODUCT NAME: PAPAYA SEED OIL, REFINED

LOT NUMBER: Lot0008498

PRODUCT INCI: CARICA PAPAYA SEED OIL

PRODUCT CODE: K0336

CAS NUMBER: 84012-30-6

EINECS NUMBER: 281-675-0

MANUFACTURING METHOD: XPPELLER PRESSED & REFINED

MANUFACTURE DATE: 12/10/2020

BEST BEFORE: 12/10/2022

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE		OILY LIQUID	-
COLOUR		LIGHT YELLOW - GREEN	-
COLOUR (LOVIBOND)		<50y, 5.0R	21.1Y/1.2R
ODOUR		ODOURLESS	-
RELATIVE DENSITY @ 20°C		0.915 – 0.940	0.915
SAPONIFICATION VALUE		180.0 – 200.0	190
UNSAAPONIFIABLE MATTER		<1.5	0.5
FREE FATTY ACID (% OLEIC)AS		<0.4	0.1
PEROXIDE VALUE		<5.0	1.1
IODINE VALUE		75-85	82

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	14.7
C16:1	PALMITOLEIC	<1.0	0.2
C18:0	STEARIC	2.0 – 5.0	3.1
C18:1	OLEIC	68.0 – 77.0	69.6
C18:2	LINOLEIC	5.0-12.0	10.4
C18:3	ALPHA LINOLENIC	<0.5	0.2
C20:0	ICOSANOIC	<1.0	0.3
C20:1	EICOSENOIC	<1.0	0.2
C22:0	DOCOSANOIC	<1.0	0.6
C24:0	TETRACOSANOIC	<0.5	0.2