



CERTIFICATE OF ANALYSIS

PRODUCT NAME: PAPAYA SEED OIL, REFINED

LOT NUMBER: LOT0005479

PRODUCT INCI: CARICA PAPAYA SEED OIL

PRODUCT CODE: K0336

CAS NUMBER: 84012-30-6

EINECS NUMBER: 281-675-0

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURE DATE: 30/01/2020

BEST BEFORE END: 30/01/2022

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	LIGHT YELLOW - GREEN	-
COLOUR (LOVIBOND)	<50Y, 5.0R	16Y/1.3R
ODOUR	ODOURLESS	-
RELATIVE DENSITY @ 20°C	0.915 – 0.940	0.930
SAPONIFICATION VALUE	180.0 – 200.0	190
UNSAPONIFIABLE MATTER	<1.5	0.5
FREE FATTY ACID (% AS OLEIC)	<0.4	0.1
PEROXIDE VALUE	<5.0	2.3
IODINE VALUE	75-85	84

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	14.3
C16:1	PALMITOLEIC	<1.0	0.2
C18:0	STEARIC	2.0 – 5.0	3.1
C18:1	OLEIC	68.0 – 77.0	68.3
C18:2	LINOLEIC	5.0-12.0	11.7
C18:3	ALPHA LINOLENIC	<0.5	0.4
C20:0	ICOSANOIC	<1.0	0.3
C20:1	EICOSENOIC	<1.0	0.2
C22:0	DOCOSANOIC	<1.0	0.5
C24:0	TETRACOSANOIC	<0.5	0.2