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## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: PAPAYA SEED OIL, REFINED**

**LOT NUMBER: LOT0007506**

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: 24/07/2020

BEST BEFORE END: 24/07/2022

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	LIGHT YELLOW - GREEN	-
COLOUR (LOVIBOND)	<50y, 5.0R	21Y/1.3R
ODOUR	ODOURLESS	-
RELATIVE DENSITY @ 20°C	0.915 – 0.940	0.920
SAPONIFICATION VALUE	180.0 – 200.0	193
UNSAAPONIFIABLE MATTER	<1.5	0.5
FREE FATTY ACID (% AS OLEIC)	<0.4	0.1
PEROXIDE VALUE	<5.0	0.6
IODINE VALUE	75-85	82

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C12:0	LAURIC	<0.1	0.1
C14:0	MYRISTIC	<0.2	0.2
C16:0	PALMITIC	14.0 – 16.0	15.5
C16:1	PALMITOLEIC	<1.0	0.4
C18:0	STEARIC	2.0 – 5.0	3.0
C18:1	OLEIC	68.0 – 77.0	68.3
C18:2	LINOLEIC	5.0-12.0	11.0
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	0.4
C24:0	TETRACOSANOIC	<0.5	0.1