

BOMAR

CERTIFICATE OF ANALYSIS

PRODUCT NAME: PEANUT EP/BP OIL, REFINED

Bomar Batch Number: P0816 (LOT NUMBER: LOT0012748)

PRODUCT INCI: ARACHIS HYPOGAEA OIL

PRODUCT CODE: K0344

CAS NUMBER: 8002 03 7

EINECS NUMBER: 232-296-4

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

SHELF LIFE: 18 MONTHS

MANUFACTURING DATE: 13/08/2021

BEST BEFORE DATE: 13/08/2023

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	LIGHT YELLOW	-
COLOUR (LOVIBOND)	<14Y, 1.4R	9.8Y, 0.9R
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.912 – 0.920	0.914
REFRACTIVE INDEX @ 20°C	1.466 – 1.475	1.471
FREE FATTY ACID (% AS OLEIC)	<0.5	0.03
IODINE VALUE	80 - 107	86.2
SAPONIFICATION VALUE	183 - 196	187.6
PEROXIDE VALUE	<10.0	0.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	5.0 – 16.0	5.4
C18:0	STEARIC	1.0 – 6.5	3.4
C18:1	OLEIC	35.0 – 76.0	65.2
C18:2	LINOLEIC	8.0 – 43.0	18.31
C18:3	LINOLENIC	<0.6	0.1
C20:0	ARACHIDIC	0.5 – 3.0	2.61
C20:1	EICOSENOIC	0.5 – 3.0	0.9
C22:0	BEHENIC	1.0 – 5.0	2.58
C22:1	ERUCIC	<0.5	0.06
C24:0	LIGNOCERIC	0.5 – 3.0	1.0

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