

SPECIFICATION SHEET

PRODUCT NAME: PEANUT EP/BP OIL, REFINED

PRODUCT INCI: ARACHIS HYPOGAEA OIL

PRODUCT CODE: K0344

CAS NUMBER: 8002 03 7

EINECS NUMBER: 232-296-4

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

SHELF LIFE: 18 MONTHS

DOCUMENTATION REVIEWED: 2021

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

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

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