

SPECIFICATION SHEET

PRODUCT NAME: ALMOND (SWEET) BP73 OIL, REFINED

PRODUCT INCI: PRUNUS AMYGDALUS DULCIS OIL

PRODUCT CODE: K0006

CAS NUMBER: 8007-69-0 / 90320-37-9

EINECS NUMBER: 291-063-5

MANUFACTURING METHOD: EXPELLER PRESSED, REFINED

SHELF LIFE: 18 MONTHS

DOCUMENTATION REVIEWED: 2021

ANALYTICAL DETAILS	RANGE
APPEARANCE	PALE YELLOW - CLEAR OILY LIQUID
ODOUR	ODOURLESS
COLOUR LOVIBOND (5.25" CELL)	≤ 25y, 2.5r
SPECIFIC GRAVITY@ 20°C	0.910 – 0.915
REFRACTIVE INDEX @ 20°C	1.470 – 1.473
FREE FATTY ACID (% AS OLEIC)	≤ 1.0
PEROXIDE VALUE (MEQ O ₂ / KG)	<10.0
IODINE VALUE (CALC)	95 – 102
ACID VALUE	<2.0
SAPONIFICATION VALUE (mg KOH/gr)	188.00 – 196.00

FATTY ACID PROFILE		RANGE %
C-CHAIN	ACID NAME	
C16:0	PALMITIC	3.0 – 9.0
C16:1	PALMITOLEIC	<2.0
C18:0	STEARIC	1.0 - 3.0
C18:1	OLEIC	60.0 – 75.0
C18:2	LINOLEIC	20.0 – 30.0
C18:3	LINOLENIC	< 0.5
C20:0	ARACHIDIC	< 0.3
C20:1	EICOSENOIC	< 0.3
C22:0	BEHENIC	< 0.6
C24:0	LIGNOCERIC	< 0.5

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