

SPECIFICATION SHEET

PRODUCT NAME: WATERMELON SEED OIL, REFINED

PRODUCT INCI: CITRULLUS LANATUS SEED OIL

CAS NUMBER: 90244-99-8

EINECS NUMBER: 290-802-9

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

SHELF LIFE: 18 MONTHS

ANALYTICAL DETAILS	RANGE %
APPEARANCE	OILY LIQUID
COLOUR	CLEAR – LIGHT YELLOW
COLOUR (LOVIBOND)	<30Y, 2.5R
ODOUR	ODOURLESS
SPECIFIC GRAVITY @ 20°C	0.915 – 0.925
REFRACTIVE INDEX @ 20°C	1.470 – 1.480
SAPONIFICATION VALUE	190.0 – 200.0
FREE FATTY ACID (% AS OLEIC)	<0.5
PEROXIDE VALUE	<10.0
IODINE VALUE	120.0 – 135.0

FATTY ACID PROFILE		RANGE %
C-CHAIN	ACID NAME	
C16:0	PALMITIC	9.0 – 13.0
C16:1	PALMITOLEIC	<0.5
C18:0	STEARIC	3.5 – 7.0
C18:1	OLEIC	13.0 – 32.0
C18:2	LINOLEIC	55.0 – 65.0
C18:3	LINOLENIC	<0.5

DATE	ISSUED BY	VERSION	REASON FOR UPDATE
		2.0	Changes in: Specific gravity, refractive index, palmitic acid, stearic acid, oleic acid, linoleic acid