

## SPECIFICATION SHEET

**PRODUCT NAME: SAFFLOWER HIGH LINOLEIC OIL, REFINED**

PRODUCT INCI: CARTHAMUS TINCTORIUS SEED OIL

PRODUCT CODE: K0405

CAS NUMBER: 8001-23-8

EINECS NUMBER: 232-276-5

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

SHELF LIFE: 24 MONTHS

DOCUMENTATION REVIEWED: 2021

ANALYTICAL DETAILS		RANGE %
APPEARANCE		OILY LIQUID
COLOUR		LIGHT YELLOW
ODOUR		ODOURLESS
SPECIFIC GRAVITY @ 20°C		0.910 – 0.925
REFRACTIVE INDEX @ 20°C		1.470 – 1.480
SAPONIFICATION VALUE		185.0 – 195.0
PEROXIDE VALUE		<10.0
IODINE VALUE		140 – 155
ACID VALUE		<1.0

FATTY ACID PROFILE		RANGE %
C-CHAIN	ACID NAME	
C16:0	PALMITIC	3.0 – 10.0
C18:0	STEARIC	1.0 – 5.5
C18:1	OLEIC	9.0 – 20.0
C18:2	LINOLEIC	75.0 – 85.0

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