



MATERIAL SPECIFICATION

Description: Strawberry Seed Oil, Cold Pressed & Filtered

Inci Name: Fragaria Ananassa (Strawberry) Seed Oil

Cas No: N/A

Einecs No: N/A

ANALYTICAL DETAILS	RANGE
APPEARANCE	Dark green liquid
COLOUR (LOVIBOND 5.25" CELL)	≤ 40y, 4.0r
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930
FREE FATTY ACID (% AS OLEIC)	≤ 1.0
IODINE VALUE (CALC)	175 - 190
PEROXIDE VALUE (Meq / kg)	≤ 20.0
SAPONIFICATION VALUE	180 - 200
UNSATURATED MATTER	≤ 1.5

FATTY ACID PROFILE (MAJOR ACIDS)	ACID NAME	C-CHAIN	RANGE
	PALMITIC	C16:0	3 – 6
	PALMITOLEIC	C16:1	≤ 0.5
	STEARIC	C18:0	1 – 4
	OLEIC	C18:1	14 – 19
	LINOLEIC	C18:2	38 – 48
	ALPHA LINOLENIC	C18:3	30 – 39
	GAMMA LINOLENIC	C18:3	≤ 0.5
	ICOSANOIC	C20:0	≤ 3.0
	DOCOSANOIC	C22:0	≤ 0.5
	TETRACOSANOIC	C24:0	≤ 0.5

Shelf Life: 12 Months

Spec Number: Z116-34/01

Revised: 23.08.2010 AM