



Essential Oils Direct Ltd

## Product Specification

Product Name	Prickly Pear Seed Oil Organic				
Date	21/05/2015	Product Code	-	Rev	01
Description	Prickly Pear Seed Oil Organic				
Appearance	Clear yellow liquid				
Odour	Characteristic				
INCI Name	Opuntia Ficus Indica Seed Oil				
CAS Number	90082-21-6	EC Number	290-109-1		

### TEST SPECIFICATION

ANALYTICAL TEST	SPECIFICATION RANGE
Refractive Index @ 20°C	1.470 – 1.480
Specific Gravity @ 20°C (g/ml)	0.913 – 0.922
Peroxide Value (Meq/Kg)	< 10.0 (at time of production analysis)
Acid Value (mgKOH/g)	< 1.0
Fatty Acid Profile (%)	
C 16:0 Palmitic	8.0 – 12.0
C 16:1 Palmitoleic	Max 0.7
C 18:0 Stearic	2.0 – 5.0
C 18:1 Oleic	14.0 – 22.0
C 18:2 Linoleic	63.0 – 72.0
C 18:3 Linolenic	Max 0.5
C 20:0 Arachidic	Max 0.5
C 20:1 Eicosenoic	Max 0.5
C 22:0 Behenic	Max 1.0

### STORAGE

Store product in full, tightly closed containers in a cool dry place away from heat and sunlight.

### STABILITY

When stored for more than 24 months, quality should be checked before use.