

SPECIFICATION SHEET - MARULA OIL

1. DESCRIPTION

Product:	Cold Pressed Marula Oil
Description:	Crude, Cold Pressed Marula Oil
Ingredients:	Marula Oil
Allergens:	Contains mild traces of tree nut allergens

2. CHEMICAL DATA

	MIN	MAX
Peroxide value (meq/kg oil):		4
Free Fatty acid value (g oleic acid/100g oil):		3
Acid Value (mg KOH/g oil):		6
Iodine Value:	70	80
Saponification Value (mg KOH/g oil)	188	196
Unsaponifiable matter (g/100g oil)		1
Refractive Index:	1.455	1.470
Relative Density/Specific Gravity 20°C/water at 20°C:	0.910	0.920

3. OIL COMPOSITION: FATTY ACID PROFILE

Fatty acid	g Fatty acid/ 100g Fatty acids	MA g Fatty acid/ 100g Fatty acids
	MIN	MAX
Myristic acid (C14:0):	ND	0.5
Palmitic acid (C16:0):	9.0	12.0
Palmitoleic acid (C16:1):	ND	2
Stearic acid (C18:0):	5.0	8.0
Oleic acid (C18:1):	70.0	78.0
Linoleic acid (C18:2):	6.0	8.0
Arachidic acid (C20:0):	ND	1



Eicosenoic acid (C20:1):	ND	1
Behenic acid (C22:0):	ND	0.5
Lignoceric acid (C24:0):	ND	0.5
ND, defined as $\leq 0.09\text{g}/100\text{g}$ fatty acids		

