

**TECHNICAL DATA SHEET OF THE COLD PRESSED ROSE HIP SEED OIL
CHILE**

Ref. 227 CP

CTFA Name : Rose Hip Oil / Aceite de Rosa Mosqueta Cold Pressed

Appearance : Bright Orange Liquid / Anaranjado brillante

Test	Unit	Minimum	Maximum value	Method
Refractive Index	20°C	1,4700	1,4812	NCH, OACS
Specific Gravity	20°C	0,9150	0,9300	OACS
Free Acidity	%Oleic Acid	0,05	0,50	OACS
Saponification	mg. KOH	185	209	OACS
Unsaponifiable mater	g/100g	0.1	0.80	NCH, OACS
Peroxide Index	O2 /Kg.	0,1	8	NCH, OACS
Yodine Index	I2 /100g.	150	194	Met. Wijs.

Fatty Acids (Gas chromatography) ± 15% % Methyl Esther

C16:0	Palmitic acid	: 3,60%
C18:0	Stearic acid	: 1,50%
C18:1	Oleic acid	: 14,70%
C18:2	Linoleic acid	: 44,60%
C18:3	Linolenic acid	: 35,50%
C20:0	Arachidic Acid	: 0,7

Antioxidants: None

References : OACS, Oficial and tentative method of American Oil Chemist Society.
NCH, Chilean Method.
“Materias grasas de consumo habitual y potencial en Chile”. L. Masson,
A. Mella, Facultad de C. Químicas y Farmacéuticas Univ. de Chile. 1985.

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