



LONCOPAN S.A.

TECHNICAL SPECIFICATION**ORGANIC ROSE HIP SEED OIL**

Código	ARM-ORG
Fecha	24-01-2007
Versión	0
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1. PRODUCT CODE: ARM-ORG

2. NOMENCLATURE

INCI Name	Rosa Canina (Rosehip)Fruit Oil
CAS Number	84603-93-0
Japanese Number	510098
Japanese Name	Rose Hips Oil
Botanical Name	Rosa Canina , Rosa Rubiginosa
Family Plant	<i>Rosaceae</i>
Common Name	Rosa Mosqueta, Wild Rose, Rosier Muscat

3. DESCRIPTION OF THE PRODUCT:

The Refined Rosehip seed oil is an emollient of low viscosity obtained from the Rosa Canina seed. The oil is insoluble in water but soluble in vegetable oils , esthers and organic solvents.

The characteristic is an orange colour. The odour and flavor is natural characteristic.

4. TECHNICAL DATA:

PARAMETERS	UNIT	RANGE		METHOD
		Max.	Min.	
Density 20°C		0,924	0,931	AOCS Cc 10a - 25
Refraccion Index 20°C		1,475	1,485	AOCS Cc 7 - 25
Iodine Value	g I ₂ /100 g	165	185	AOCS Cd 1 - 25
Peroxide Index	meq O ₂ /1000 g	0	8	AOCS Cd 8 - 53
Acid Value	KOH/g	0	2,5	AOCS Ca 5a - 40
Saponification Index	mg KOH/g	185	195	AOCS Cd 3 - 25
Insaponificable Matter	mg/100g		1,5	AOCS Ca 6b - 53
Fatty Acids Composition				
Palmitic acid	% Metil ésteres	3	5	AOCS
Palmitoleic acid	% Metil ésteres	0,1	0,3	AOCS
Estearic acid	% Metil ésteres	1	3	AOCS
Oleic acid	% Metil ésteres	13	18	AOCS
Linoleic acid	% Metil ésteres	41	49	AOCS
Linolenic acid	% Metil ésteres	29	37	AOCS
Araquidic acid	% Metil ésteres	0	2	AOCS
Gadoleic acid	% Metil ésteres	0	1	AOCS

5. CHARACTERISTICS OF THE PACKAGE:

a) Type of package

Plastic cans of 5 k y 20 k
Metallic drums os covered with a sanitary varnish of 50 k , 100 y 190 k

b) Rotulation

Code Product / Lot / Purchase order date
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6. STORAGE CHARACTERISTICS:

The oil must be storage in a cool (10-20°C) and dry place, protected from the light, temperature and oxygen to avoid the premature oxidation.
If a drum or can is opened, it must be reflused with inert gas (nitrogen) for to maintain the oil under nitrogen conditions, to return the same conditions of storage.

7. DURABILITY of PRODUCT:

The oil has a shelf life of 6 months. After of the manufacturing date, mantaining of the conditions of storage described.	
Quality Control Manager	Chief