

ecoflores
CERTIFICATE OF ANALYSIS
Rose Hip Seed Oil Refined

1. General information	
Article	Rose hip seed oil refined
Lot	202607010
Supplier	Ecoflores
Shelf-life	At least 16 months from date of delivery, under appropriate packaging conditions
INCI	ROSA CANINA SEED OIL
CAS	-
EINECS	-
Function	SKIN CONDITIONING - EMOLLIENT (CosIng data base)

2. Organoleptic parameters		
Parameter	Values	Corresponds
Shape	Liquid	Yes
Colour	Yellow - light yellow	Yes
Odor	Characteristic	Yes
Taste	Characteristic	Yes

3. Chem. Phys. Parameters		
Parameter	Values	Corresponds
Peroxide value	Max. 10 meqO ₂ /Kg	1.9
Acid value	Max. 4 mgKOH/g	0.1

4. Fatty acid composition		
Component	Values	Corresponds
palmitic acid C 16:0	5.0 - 12.0 %	6.1
stearic acid C18:0	2.0 - 5.0 %	2.4
oleic acid C 18:1	12.0 - 20.0 %	12.5
linoleic acid C 18:2	43.0 - 55.0 %	45.0
alpha-linolenic acid C 18:3	20.0 - 30.0 %	22.1
arachidonic acid C 20:0	≤ 2.5 %	0.6
Eicosenoic acid C20:1	≤ 2.0 %	0.3

5. Vitamins		
Vitamin	per 100g	Daily amount*
Vitamin A (Retinol)	not determined	800 µg
Vitamin D3	not determined	5 µg
Vitamin E (mg) DL-alpha-Tocopherolacetat d,l-alpha-Tocopherol	not determined	12 mg
Vitamin K (µg)	not determined	75 µg
Vitamin C (mg)	not determined	80 mg
Vitamin B1 (Thiamin) (mg)	not determined	1.1 mg
Vitamin B2 (Riboflavin) (mg)	not determined	1.4 mg
Vitamin B3 (Niacin) (mg)	not determined	16 mg
Vitamin B5 (Pantothenic acid) (mg)	not determined	6 mg
Vitamin B6 (Pyridoxin) (mg)	not determined	1.4 mg
Vitamin B7 (Biotin) (µg)	not determined	50 µg
Vitamin B9 (Folic acid) (µg)	not determined	200 µg
Vitamin B12 (Cobalamin) (µg)	not determined	2.5 µg

*EU 2011/1169/EC

6. Minerals		
Mineral	per 100g	Daily amount*
Potassium	not determined	2000 mg
Chloride	not determined	800 mg
Calcium	not determined	800 mg
Phosphorus	not determined	700 mg
Magnesium	not determined	375 mg
Iron	not determined	14 mg
Sodium	not determined	550 mg
Sulfur	not determined	

*EU 2011/1169/EC

7. Trace elements		
Trace element	per 100g	Daily amount*
Fluorine (mg)	not determined	3.5 mg
Iodine	not determined	150 µg
Copper	not determined	1 mg
Manganese	not determined	2 mg
Zink	not determined	10 mg
Selenium	not determined	55 µg
Chromium	not determined	40 µg
Molybdenum	not determined	50 µg

*EU 2011/1169/EC

8. Contaminants

Substances which are banned in cosmetic products in accordance with Annex II to Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products (EU Cosmetics Regulation).	Not detectable, or below the limit of quantification*. * Traces of substances listed in annex II as contaminants are below the maximum residue level listed in Regulation (EC) 1831/2003.
Substances which may only contain cosmetic products in compliance with the restrictions set out in Annex III to Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products (EU Cosmetics Regulation).	Not detectable, or below the limit of quantification.
Pesticides:	< 0.01 mg/kg
Hexane:	Not detectable
Acetone:	Not detectable

Microbiological contamination:	Vegetable oils are a sterile product, without air or water, where bacteria, whether aerobe or anaerobe, cannot develop and survive. Due to the absence of moisture in the oil, microorganisms cannot develop.
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The character "<" in the Result column means that the substance in question cannot be detected with the detection limit shown.

9. Other data

The values given in this analysis certificate are subject to natural fluctuations. They change due to the type of storage, the storage period, the analytical method, the analytical instrument used, the calibration of the analytical instrument and the competence of the laboratory worker. They are therefore purely informative and non-binding. All values have been compiled to the best of our knowledge and belief.

This certificate of analysis does not release customers from their quality responsibility when