



## TECHNICAL DATA SHEET

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**PRODUCT NAME:** ALOE VERA GEL 1:1, 1X WITHOUT PULP

**DESCRIPTION:**

Gel obtained from the inner parenchyma of Aloe vera leaves, without pulp.

Plant: *Aloe barbadensis M.* (Aloe vera) from Organic Farming.

Hometown: Plantation with CAAE certificate, located in Andalusia, Spain.

Expiration date: Two years from the date of manufacture, in its original packaging unopened.

Containers: 20 Kg and/or 1000 Kg Food Grade quality.

**APPLICATION:** Cosmetic formulations.

INCI NAME	
Aloe Barbadensis Leaf Juice (%)	>99
Potassium Sorbate (%)	0.1
Sodium Benzoate (%)	0.1
Natural Citric Acid	q.s.p.

PHYSICAL AND CHEMICAL CHARACTERISTICS	
Appearance	Crystalline to pale yellow
pH range (aqueous extract)	3.0- 4.0
Refractive index (°Brix)	> 0.3
Native Polysaccharides (mg /L)	> 2500
Anthraquinones (ppm* <sup>1</sup> )	< 10

\*<sup>1</sup> absence of aloin (EEC Directive 88/388)

MICROBIOLOGY* <sup>2</sup>	
Aerobic mesophilic microorganisms (cfu/g)	< 100
Mildews and yeasts (cfu/g)	< 10
<i>E. coli</i> (cfu/0.5g)	Absence
<i>Staphylococcus aureus</i> (cfu/0.5g)	Absence
<i>Pseudomonas aeruginosa</i> (cfu/0.5g)	Absence
<i>Candida albicans</i> (cfu/0.5g)	Absence

\*<sup>2</sup> According with Category 2 and SCCS's notes of guidance for testing of cosmetic ingredient and their safety evaluation.

**MINERALS IDENTIFIED**

Description: Ca<sup>2+</sup>, Mg<sup>2+</sup>, Na<sup>+</sup>, K<sup>+</sup>, Mn<sup>2+</sup>, P<sup>-</sup>, Cl<sup>-</sup>, HCO<sup>3-</sup> natives.

Methods: Atomic absorption.

**VITAMINS IDENTIFIED**

Description: Vitamin A, Vitamin C, Vitamin B<sub>2</sub> and Vitamin B<sub>6</sub>.

Methods: HPLC-Fluorescence.



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### CERTIFICATIONS

**Product authenticated and sanctioned by the University of Alcalá de Henares in Madrid.**

**Organic Agriculture. No. R. CAAE 8149 / F.**

**Organic Manufacture. No. R. CAEM MA0341E**

**No. Lic. ECOCERT 308444E**

**Process**

SPC (Controlled Production System)

VQC (Veracetics Quality Control)

**Company authorized for the production of Aloe vera (RSI 31.02509 / M).**

1. As a certified organic growing, the product complies with current legislation, Regulation (EC) No 2092/91 of 24 June 1991 on agricultural products and indications on agricultural products and foodstuffs.
2. It is free of pesticides and contaminants in accordance with Regulation (EC) No 1881/2006 laying down the maximum levels for certain contaminants in foodstuffs.
3. As for the risk of TSE / BSE, this raw material is purely vegetable origin. During production, storage and transportation is no contact with animal material and no cross-contamination.
4. There is no intentional use in this cosmetic product of CMR substances category 1A, 1B or 2 according to Regulation (EC) No 1272/2008 (part 3 of Annex VI) and specified in Regulation (EC) No 1223/2009.
5. This product is free of nanomaterials. The most recent EU cosmetic legislation [2009/1223/EC] foresees that cosmetics containing nanomaterials require special attention and must be notified to the Commission 6 months prior to placing on the market.
6. This product is not affected by the EC regulations 1829/2003 and 1830/2003 and (EC) No. 65/2004 of 14 January 2004 establishing a system for creating and assigning unique identifiers for agencies genetically modified. This means that this material has not been genetically modified.
7. Aloe vera is free of radiation, according to Directive 1999/2/EC of the European Parliament and the Council of 22 February 1999 on the approximation of the laws of the Member States concerning foods and food ingredients treated with ionizing radiation and Directive 1999/3/EC of the European Parliament and the Council of 22 February 1999 on the establishment of a Community list of foods and food ingredient treated with radiation.
8. This product is excluded from the allergen list: Annex I of Commission Directive 2007/68/EC.
9. This product does not contain any of the 26 substances considered as allergenic by the 7th Amendment of the European Cosmetic Directive 76/768/EEC or included in SCCS list on Allergens in Cosmetic. According with Regulation (EC) No 1223/2009 (Art.16).
10. Any assay with Aloe vera product has not been subject to animal testing or retesting for cosmetic purposes, according with the recent EU cosmetic legislation 2009/1223/EC who says that for the development of any cosmetic product must not be used experimentation on animals.
11. Aloe vera respects the European Directive on the maximum allowable concentration of Aloin (Directive 88/388 EEC, June 22, 1998).