Certificate of Analysis

Product:	**Aloe Vera Powder Organic**
Batch Number:	**4475008**
Best Before End:	**July 2025**

Test	Analysis	Specification
APPEARANCE	PASS	FINE HOMOGENEOUS POWDER
PARTICALE SIZE	PASS	99% THROUGH No 100 mesh
COLOUR GARDNER	1	1 - 2
TASTE	PASS	ACIDIC,SALTY
MOISTURE	4.00%	NMT 8%
ASH:	29.3 8%	NMT 35%
Ph*	4.45	4.0 -5.0
SPECIFIC GRAVITY*:	1.002	1.002-1.020
SOLUBILITY*:	PASS	~130 SEC.
ALOIN BY HPLC	0.0012	NMT 0.1 PPM
AEROBIC PLATE COUNT:	<10 CFU/GR	NMT 500 CFU/GR
MOLD AND YEAST	<10 CFU/GR	NMT 100 CFU/GR
COLIFORMS	NEGATIVE	NEGATIVE
PATHOGENS	NEGATIVE	NEGATIVE
PRESERVATIVES	NONE	NONE

*0.5% T.S SOLUTION

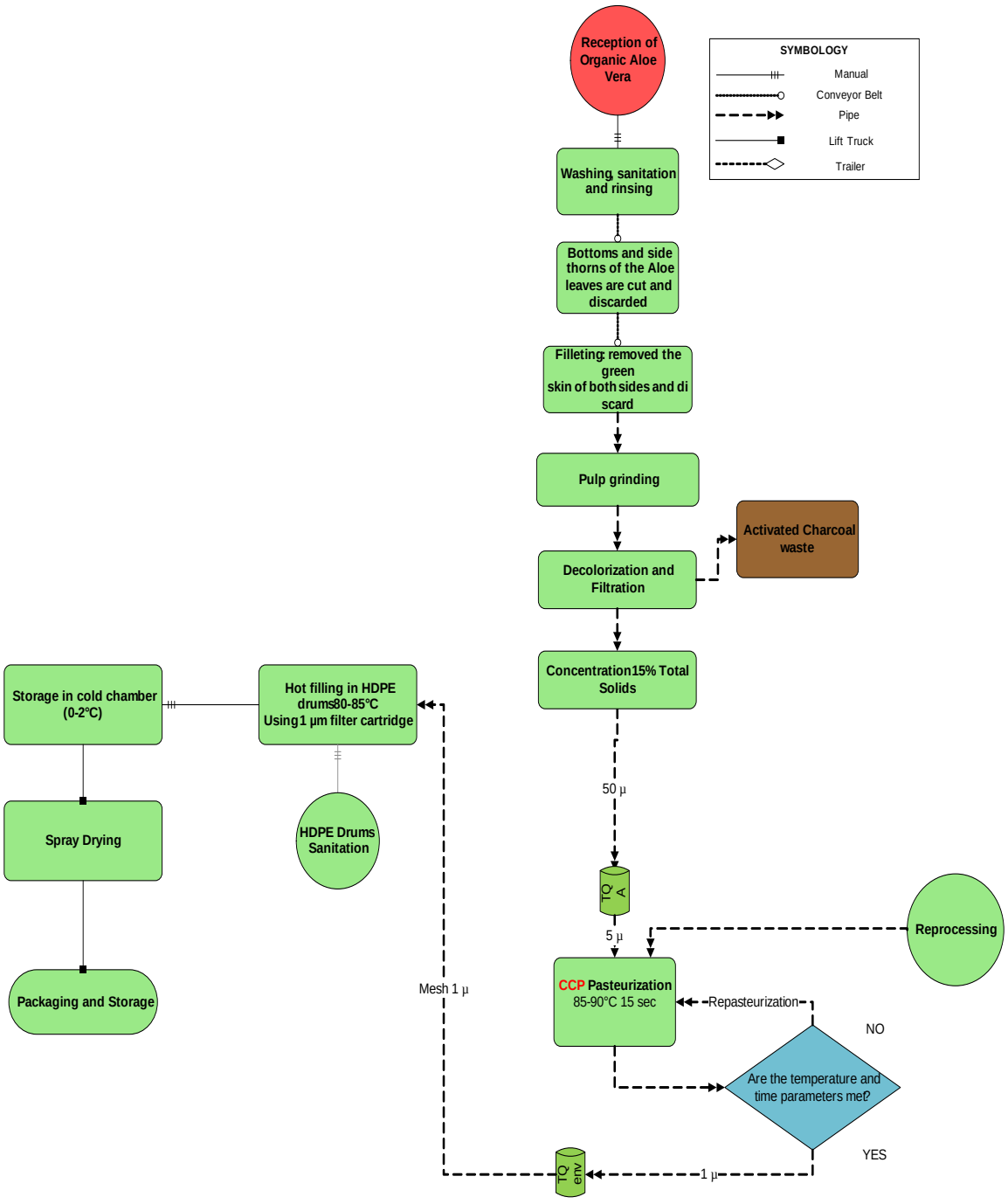
19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
Tel: 01425 655555 Email: technical@madarcorporation.co.uk

ALLERGENS FREE DECLARATION

RAW MATERIAL: ALOE VERA GEL SPRAY DRIED POWDER 200:1 ORGANIC

Cosmetics Regulation 1223/2009	**Presence in the ingredients**		**Use on the production site**		**Risk of cross contamination in production**	
INCI Name	YES	NO	YES	NO	YES	NO
Alpha-Isomethyl ionone		X		X		X
Amyl cinnamal		X		X		X
Amylcinnamyl alcohol		X		X		X
Anise alcohol		X		X		X
Benzyl alcohol		X		X		X
Benzyl benzoate		X		X		X
Benzyl cinnamate		X		X		X
Benzyl salicylate		X		X		X
Butylphenyl methylpropional		X		X		X
Cinnamal		X		X		X
Cinnamyl alcohol		X		X		X
Citral		X		X		X
Citronellol		X		X		X
Coumarin		X		X		X
Eugenol		X		X		X
Farnesol		X		X		X
Geraniol		X		X		X
Hexyl cinnamal		X		X		X
Hydroxycitronnellal		X		X		X
Hydroxyisohexyl 3-cyclohexene carboxaldehyde		X		X		X
Isoeugenol		X		X		X
Limonene		X		X		X
Linalool		X		X		X
Methyl 2-octynoate		X		X		X
Evernia prunastri (Oak moss)		X		X		X
Evernia furfuracea (Tree Moss)		X		X		X

Date: **JANUARY 22, 2021**


Reception of Organic Aloe Vera
SYMBOLOGY
Manual
Conveyor Belt
Pipe
Lift Truck
Trailer
Washing, sanitation and rinsing
Bottoms and side thorns of the Aloe leaves are cut and discarded
Filleting: removed the green skin of both sides and di scard
Pulp grinding
Activated Charcoal waste
Decolorization and Filtration
Concentration15% Total Solids
50 µ
TQ A
5 µ
Reprocessing
CCP Pasteurization 85-90°C 15 sec
Repasteurization
NO
Are the temperature and time parameters met?
YES
1 µ
TQ env
Mesh 1 µ
Storage in cold chamber (0-2°C)
Hot filling in HDPE drums80-85°C Using1 µm filter cartridge
HDPE Drums Sanitation
Spray Drying
Packaging and Storage

PRODUCT STATEMENT

RAW MATERIAL: ALOE VERA GEL SPRAY DRIED POWDER 200:1 ORGANIC

MADAR Corporation Limited declare the following statements to be true regarding the product named above:

- is suitable for **Vegans**. No substance/ part contained in this product has animal origin or involves, directly or voluntarily, the killing, keeping or exploitation of animals.

- has been produced from the inner gel of Aloe Vera (L.) Burm.F., (asphodelaceae) and is 100% of botanical origin.

- the raw material is cultivated and harvested on plantations in San Luis Potosi, Mexico and are grown organically without any chemical fertilizers or pesticides.

- has been produced without the use of **genetically modified organisms** and/ or products derived from these. All relevant safety precautions have been taken to prevent contamination with genetically modified organisms or products derived from these.

- is not derived from any of the substances classified as carcinogenic, mutagenic ot toxic to reproduction by Regulation 1272/2008 and does not contain any CMR residues or non-official **CMR**: like Acetaldehyde, Furfural, Geranyl Nitrile.

- Has been produced from the plant Aloe Vera (L.) Brum. f. and is 100% of botanical origin and is covered by the Human Foods Regulations therefore is exempt from applicable titles of **REACH** Regulation.

- is certified as **Halal** by the manufacturer but not MADAR Corporation.

- does not contain Palm oil or it's derivatives, either as an ingredient or as an additive.

- no tests or procedures involving the direct exploitation of animals has been performed or requested on any substance or material used in this product.

Complying with Regulation (EC) No 1907/2006 – REACH and Regulation (EC) No. 1272/2008 (CLP)

I. – IDENTIFICATION INFORMATION

COMMERCIAL NAME

ALOE VERA GEL SPRAY DRIED POWDER 200:1 ORGANIC

Inner Leaf Gel

USES: Raw material for foods, beverages and cosmetic products

EU Substance Name: Aloe Vera Extract

INCI Name: Aloe Barbadensis Leaf Juice Powder

Supplier MADAR Corporation Limited 19-20 Sandleheath industrial Estate Fordingbridge Hampshire SP6 1PA	EMAIL: sales@madarcoproation.co.uk **TELEPHONE** +44 1425 655555

II - HAZARDS IDENTIFICATION

HAZARDOUS COMPONENTS	Not regarded as a health or environmental hazard under current legislation
CLASSIFICATION OF SUBSTANCE	None hazardous

III - COMPOSITION / REGULATORY INFORMATION ON THE INGREDIENTS

INGREDIENTS	Composition %	EU Classification (CLP)	GHS Classification	CAS #	EINECS #
Aloe Vera Inner Leaf Juice	100%	Not Classified	Not Classified	85507-69-3	287-390-8

IV - FIRST AID PROCEDURES

CONTACT WITH SKIN	No danger. Not an immediate skin irritant.
CONTACT WITH EYES	May cause irritation on contact. Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment. Wash eyes with water for at least 15 minutes. Seek medical advice if irritation persist.
INGESTION	Excessive amounts may cause diarrhea.
INHALATION	May cause irritation, remove to fresh air.

V - FIRE SAFETY PRECAUTIONS

EXTINGUISHING MEDIA

Suitable Media	Water
Unsuitable Media	None known
Special Hazards caused by the material, its products of combustion or flue gasses:	None known

VI - MEASURES TO BE TAKEN IN CASES OF ACCIDENTAL SPILLAGE

INDIVIDUAL PRECAUTIONS	No special measures are necessary.
PRECAUTIONS FOR PROTECTING THE ENVIRONMENT	No special measures are necessary.
METHODS OF CLEANSING	Biodegradable material not requiring special cleanup methods.

VII - HANDLING AND STORAGE	
HANDLING:	Handle and use in accordance with occupational hygiene and safety practice. Use eye and skin protection; use suitable breathing device.
STORAGE: **-CONDITIONS FOR STORAGE** **-SEPARATION OF INCOMPATIBLE MATERIALS** **-PACKAGING MATERIALS**	 Highly hygroscopic material. Keep in dry area, use airtight containers No restrictions currently know High density polyethylene bags/ Carton fiber drums

VIII - CONTROL OF EXPOSURE / INDIVIDUAL PROTECTION	
PERSONAL PROTECTION EQUIPMENT	Safety Glasses and Protective Gloves
ENGINEERING MEASURES	Provide adequate ventilation
EXPOSURE LIMIT VALUES	Permissible level for nuisance dust is 15 mg/m3 and 5 mg/m3 for the breathable fraction according to CFR 1910.1000.
RESPIRATORY PROTECTION	Dust mask or particle respirator
HAND PROTECTION	Protective gloves
SKIN PROTECTION	Wear suitable protection
HYGYENE MEASURES	Remove the excess and clean the area immediately after use.
FURTHER INFORMATION	The user is responsible for creating the conditions for the proper management according to the local regulations.

IX - PHYSICAL AND CHEMICAL CHARACTERISTICS		
PHYSICAL STATE Fine homogeneous powder	**APPEARANCE (COLOR)** Off white to light beige	**ODOR** Light vegetable **ODOR THRESHOLD** Not available
MELTING POINT Not available	**INITIAL BOILING POINT** Not available **BOILING POINT RANGE** Not available	**EVAPORATION RATE** Not available
pH (STATE ON DELIVERY) 3.5 – 5.0 (0.5% solution water)	**FLASH POINT** Not available	**UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS** Not applicable
FLAMMABILITY (SOLID, GAS) Not applicable	**VAPOR PRESSURE** Not available	**VAPOR DENSITY** Not available
RELATIVE DENSITY Not available	**SOLUBILITY IN WATER** Completely	
VISCOSITY Not available	**AUTO-IGNITION PRESSURE** Not available	**DECOMPOSITION TEMPERATURE** Not available
	EXPLOSIVE PROPERTIES None	**OXIDIZING PROPERTIES** None

X - STABILITY AND REACTIVITY	
REACTIVITY	Stable
CHEMICAL STABILITY	Stable
POSSIBILITY OF HAZARDOUS REACTIONS	None
CONDITIONS TO AVOID	None
INCOMPATIBLE MATERIALS	None

HAZARDOUS DECOMPOSITION PRODUCTS	None
MATERIALS TO AVOID	None

XI - TOXICOLOGICAL INFORMATION

Acute toxicity - None
Irritation - None
Corrosivity – None
Sensitization - None
Repeat dose toxicity - None
Carcinogenicity - None
Mutagenicity - None
Toxicity for reproduction - None

XII - ECOLOGICAL INFORMATION

(Biodegradable product of botanical origin)
Toxicity - None
Persistence and Degradability - Not available
Bio accumulative Potential – None
Mobility in soil - None
Result of PBT and vPvB assessment - Not available
Other adverse effects - None

XIII - INFORMATION CONCERNING DISPOSAL

WASTE TREATMENTS METHODS	Dispose in accordance with federal and state and local regulations
SOILED PACKAGING	Recycle following cleaning or dispose of at an authorized site

XIV - INFORMATION CONCERNING TRANSPORT

IMDG (SEA) – No regulated
ICAO (AIR) – No regulated
IATA (AIR) – No regulated
RID (LAND) – No regulated
ADR (LAND) – No regulated
ADNOR (LAND) – No regulated
Transport in bulk according to Annex II of MAROL 73/78 and the IBC Code – Conforms

XV - REGULATORY INFORMATION

No submitted to labeling in accordance to Regulation (EC) 1272/2008.

XVI - OTHER INFORMATION

DATE OF FIRST ISSUE:	November 2016
REVISION DATE:	November 2018
VERSION:	November 2018
FULL TEXT OF RISK PHRASES:	None

The statements made here are supposed to describe the product with regard to necessary safety precautions. They do not guarantee special characteristics and are made to the best of our current knowledge.

TECHNICAL DATA SHEET

ALOE VERA GEL SPRAY DRIED POWDER 200:1

INCI NAME : ALOE BARBADENSIS LEAF JUICE POWDER

CAS NUMBER : 85507-69-3

Organoleptic	**Specification**	**Analitic Method**
Appearance	FINE HOMOGENEOUS POWDER	VISUAL
Particle Size	99% THROUGH NO. 100 MESH	CPA-024
Color Visual	OFF WHITE TO LIGHT BEIGE	VISUAL
Odor	LIGHT VEGETABLE	ORGANOLEPTIC
Taste	ACIDIC, SALTY	ORGANOLEPTIC
Physicochemical	**Specification**	**Analitic Method**
Color Gardner*	1 - 2	COLORIMETER
Moisture	NMT 8%	CPA-003
Ash	NMT 35%	CPA-008
pH*	3.5 - 5.0	CPA-002
Specific Gravity*	1.002 - 1.020	CPA-022
Aloin Content*	NMT 0.1 PPM	HPLC
Microbiological	**Specification**	**Analitic Method**
Aerobic Plate Count	NMT 50 CFU/G	BAM-FDA: CH. 3
Mold And Yeast	NMT 50 CFU/G	BAM-FDA: CH. 18
Coliforms	NEGATIVE	BAM-FDA: CH. 4
Pathogens	NEGATIVE	BAM-FDA: CH. 12
Other Analysis	**Specification**	**Analitic Method**
Preservatives	NONE	NMR

* RECONSTITUTED TO 0.5 % TOTAL SOLIDS SOLUTION.

TECHNICAL DATA SHEET

ALOE VERA GEL SPRAY DRIED POWDER 200:1

INCI NAME : ALOE BARBADENSIS LEAF JUICE POWDER

CAS NUMBER : 85507-69-3

PRODUCT CODE : 0219

SHELF LIFE:

24 months after date of production in an unopened container, in a fresh and dry place, without exposure to sunlight. Incorrect handling of material could cause contamination of the product. After the packaging of the product is opened, shelf life is not guaranteed and it is the customer's responsibility having a proper storage conditions and handling of the powder.

STORAGE AND HANDLING CONDITIONS:

Product is highly hygroscopic; it must be stored in a dry place. Special measures must be taken for countries with a relative humidity level above 45% to avoid caking. The use of desiccant material is recommended.

Unused portions should be kept in an airtight container, and should not be exposed to a moist environment.

A recommendation about stacking: the maximum stacking level is of 4 drums, if you pile more than 4 drums it will cause the bottom fiber drum to crack.

Wrong handling of our packaging can result into the damage of the quality of the product. Product damage because of forklift hits can produce leaks.