

## HerbGuard™ Organic Apple Cider Vinegar Powder

| SPECIFICATION                                               |                                                                                                        |        |                 |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------|-----------------|
| Product name: HerbGuard™ Organic Apple Cider Vinegar Powder |                                                                                                        |        |                 |
| Botanical Name                                              | Malus pumila Mill.                                                                                     | Part   | Fruit           |
| Origin                                                      | China                                                                                                  | Source | Plant           |
| Item                                                        | Standard                                                                                               |        | Analysis Method |
| Appearance                                                  | Off-white Powder                                                                                       |        | Visual          |
| Odor & Taste                                                | Characteristic                                                                                         |        | Organoleptic    |
| Typical Analysis                                            |                                                                                                        |        |                 |
| Identification                                              | Compliant with standard reference                                                                      |        | TLC             |
| Total Acetic Acid                                           | ≥6.0%                                                                                                  |        | Titration       |
| Particle Size                                               | 100% pass80 mesh                                                                                       |        | Sieve analysis  |
| Ash                                                         | ≤10.0%                                                                                                 |        | Ph. Eur. 2.4.16 |
| Loss on drying                                              | ≤7.0%                                                                                                  |        | Ph. Eur. 2.2.32 |
| Contaminants                                                |                                                                                                        |        |                 |
| Benzo(a)pyrene                                              | ≤10µg/kg                                                                                               |        | (EU) 915/2023   |
| PAH4                                                        | ≤50µg/kg                                                                                               |        | (EU) 915/2023   |
| Aflatoxin (Σ B1, B2, G1, G2)                                | < 4ppb                                                                                                 |        | Ph. Eur. 2.8.18 |
| Aflatoxin B1                                                | < 2ppb                                                                                                 |        | Ph. Eur. 2.8.18 |
| Pesticides Residue                                          | Comform                                                                                                |        | EC 396/2005     |
| Heavy metals                                                |                                                                                                        |        |                 |
| Heavy metals                                                | ≤ 10ppm                                                                                                |        | ICP-MS          |
| Lead (Pb)                                                   | ≤ 2.0ppm                                                                                               |        | ICP-MS          |
| Arsenic (As)                                                | ≤ 1.0ppm                                                                                               |        | ICP-MS          |
| Cadmium (Cd)                                                | ≤ 1.0ppm                                                                                               |        | ICP-MS          |
| Mercury (Hg)                                                | ≤ 0.1ppm                                                                                               |        | ICP-MS          |
| Microorganism                                               |                                                                                                        |        |                 |
| Total Bacterial Count                                       | <1000cfu/g                                                                                             |        | Ph. Eur. 2.6.12 |
| Total Molds Count                                           | <100cfu/g                                                                                              |        | Ph. Eur. 2.6.12 |
| Salmonella                                                  | Negative/25g                                                                                           |        | Ph. Eur. 2.6.13 |
| E. coli                                                     | Negative/10g                                                                                           |        | Ph. Eur. 2.6.13 |
| Staphylococcus aureus                                       | Negative/10g                                                                                           |        | Ph. Eur. 2.6.13 |
| Package                                                     | N.W. 25Kgs/fiber drum and two plastic bags inside.                                                     |        |                 |
| Shelf life                                                  | 2 Year When Properly Stored                                                                            |        |                 |
| Storage                                                     | Store in well-closed container at room temperature, protect from light, moisture and pest infestation. |        |                 |

## INGREDIENTS

An ingredient is defined in Directive 2000/13/EC on labelling: "ingredient means any substance including additives, used in the production or preparation of a foodstuff and still present in the finished product although possibly in a modified form" i.e all raw materials to produce the goods.

Please list all ingredients:

| Ingredients/material composition   | %    | Country of origin |
|------------------------------------|------|-------------------|
| Organic Apple Cider Vinegar Powder | 100% | China             |
|                                    |      |                   |
|                                    |      |                   |
|                                    |      |                   |

## ORIGIN

|                                                                       |                    |                                         |                                                                                                                      |
|-----------------------------------------------------------------------|--------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Country of origin of the product::China                               |                    |                                         |                                                                                                                      |
| Is a manufacturing process available                                  |                    | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO                                                                                          |
| Source of the product:                                                |                    | <input type="checkbox"/> Animal         | <input checked="" type="checkbox"/> Plant <input type="checkbox"/> Mineral origin <input type="checkbox"/> Synthetic |
| <b>If animal, please answer the following questions.</b>              |                    |                                         |                                                                                                                      |
| is BSE/TSE free                                                       |                    | <input type="checkbox"/> YES            | <input type="checkbox"/> NO                                                                                          |
| Is the manufacturer registered to the European Commission             |                    | <input type="checkbox"/> YES            | <input type="checkbox"/> NO                                                                                          |
| Is the health certificate available for a food use                    |                    | <input type="checkbox"/> YES            | <input type="checkbox"/> NO                                                                                          |
| <b>If plant, please answer the following questions.</b>               |                    |                                         |                                                                                                                      |
| Botanical name                                                        | Malus pumila Mill. | Geographical origin                     | China                                                                                                                |
| Part of the plant                                                     | Fruit              |                                         |                                                                                                                      |
| Harvest method                                                        | Manual harvesting  | Harvest period:                         | Spring to Autumn                                                                                                     |
| Is the technical data sheet of the plant raw material available       |                    | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO                                                                                          |
| Are there any agents responsible for adverse effects                  |                    | <input type="checkbox"/> YES            | <input checked="" type="checkbox"/> NO                                                                               |
| If yes, please precise:                                               |                    |                                         |                                                                                                                      |
| Please precise the methods of eliminating risk constituents:          |                    |                                         |                                                                                                                      |
| <b>Could you precise the treatments used on the plant harvesting?</b> |                    |                                         |                                                                                                                      |
| Irrigation                                                            | Fertilizers        | Herbicides                              | Insecticides                                                                                                         |
| Yes                                                                   | Yes                | Controlled use                          | Controlled use                                                                                                       |
|                                                                       |                    |                                         |                                                                                                                      |

|                                                                          |                                            |                                                 |                                                       |
|--------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------|-------------------------------------------------------|
| <b>Could you precise the treatments /transformations after harvest?</b>  |                                            |                                                 |                                                       |
| <input checked="" type="checkbox"/> Decontaminated plant(treatment used: |                                            | <input type="checkbox"/> Undecontaminated plant |                                                       |
| <input checked="" type="checkbox"/> Washing                              | <input checked="" type="checkbox"/> Drying | <input type="checkbox"/> Natural drying:        | <input checked="" type="checkbox"/> Artificial drying |
| Other:                                                                   |                                            |                                                 |                                                       |
| <b>If mineral origin, please specify species</b>                         |                                            |                                                 |                                                       |
| <b>If syntheric, please specify species</b>                              |                                            |                                                 |                                                       |

## GENETICALLY MODIFIED ORGANISMS-GMO

According to EU regulations EC/1829/2003 & EC/1830/2003

|                                                                                                                                                                                                         |                                         |                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|
| According to the EU regulations concerning the traceability and labelling of Genetically Modified Organisms(GMO), and the traceability of food products produced from GMO, we confirm that the product: |                                         |                                        |
| Contains ingredient(s) from Maize and/or Soya origin                                                                                                                                                    | <input type="checkbox"/> YES            | <input checked="" type="checkbox"/> NO |
| Contains no material which contains, consists of or is produced from authorized GMOs in proportion higher than 0,9%. This presence is                                                                   | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO            |



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|                                                                                                                                                                                                                                 |                                         |                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|
| adventitious or technically unavoidable                                                                                                                                                                                         |                                         |                                        |
| is GMO or contains or consists of GMOs                                                                                                                                                                                          | <input type="checkbox"/> YES            | <input checked="" type="checkbox"/> NO |
| is produced from GMOs or contains ingredients produced from GMOs                                                                                                                                                                | <input type="checkbox"/> YES            | <input checked="" type="checkbox"/> NO |
| Contains ingredient(s) from other potential GMO-risk raw material(s) (rice, beet, cotton ...)                                                                                                                                   | <input type="checkbox"/> YES            | <input checked="" type="checkbox"/> NO |
| If Yes, please specify:<br>o ingredient:<br>o vegetable origin:<br>o geographic origin:                                                                                                                                         |                                         |                                        |
| Contains no material which contains, consists of or is produced from evaluated GMOs in proportion higher than 0,5%. This presence is adventitious or technically unavoidable                                                    | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO            |
| For information about processing aids,<br>is produced or contains ingredient(s) produced with GMOs or Genetically Modified Microorganisms processing aids (bacteria, yeast... or derived from GMOs or GMMs (including enzymes)) | <input type="checkbox"/> YES            | <input checked="" type="checkbox"/> NO |
| If yes, please specify:                                                                                                                                                                                                         |                                         |                                        |
| We confirm that the ingredient supplied is compliant in all respects with the Regulations N°1829/2003/EC and N°1830/2003/EC where applicable                                                                                    | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO            |

## SUBSTANCES OR PRODUCTS CAUSING ALLERGIES OR INTOLERANCES

According to Regulation (EU) No. 1169/2011 as regards of ingredients present in foodstuffs

| Allergenic substances<br>(Regulation EU 1169/2011 – Annex II)                                       | Present in finished product | Present in the manufacturing site | Present on the same manufacturing line | Possible cross-contamination |
|-----------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------|----------------------------------------|------------------------------|
| Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) | NO                          | NO                                | NO                                     | NO                           |
| Crustaceans and products thereof                                                                    | NO                          | NO                                | NO                                     | NO                           |
| Eggs and products thereof                                                                           | NO                          | NO                                | NO                                     | NO                           |
| Fish and products thereof                                                                           | NO                          | NO                                | NO                                     | NO                           |
| Peanuts and products thereof                                                                        | NO                          | NO                                | NO                                     | NO                           |
| Soybeans and products thereof                                                                       | NO                          | NO                                | NO                                     | NO                           |
| Milk and products thereof (including lactose)                                                       | NO                          | NO                                | NO                                     | NO                           |
| Nuts (almond, hazelnut, walnut, cashew, pecan nut, Brazil nut, pistachio nut, macadamia nut)        | NO                          | NO                                | NO                                     | NO                           |
| Celery and products thereof                                                                         | NO                          | NO                                | NO                                     | NO                           |
| Mustard and products                                                                                | NO                          | NO                                | NO                                     | NO                           |



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|                                                                                    |    |    |    |    |
|------------------------------------------------------------------------------------|----|----|----|----|
| thereof                                                                            |    |    |    |    |
| Sesame seeds and products thereof                                                  | NO | NO | NO | NO |
| Sulphur dioxide and sulphites (>10 mg/kg or 10 mg/L expressed as SO <sub>2</sub> ) | NO | NO | NO | NO |
| Lupin and products thereof                                                         | NO | NO | NO | NO |
| Molluscs and products thereof                                                      | NO | NO | NO | NO |

## NON IRRADIATION

According to UE Directive No.1999/2/CE

|                                                                            |                                         |                                        |
|----------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|
| Has this raw material or one of its ingredients been irradiated or ionised | <input type="checkbox"/> YES            | <input checked="" type="checkbox"/> NO |
| We confirm above non-irradiation statement is available                    | <input checked="" type="checkbox"/> YES |                                        |

## NANOMATERIAL

According to Regulation(EU)No 1169/2011

|                                                                                      |                              |                                        |
|--------------------------------------------------------------------------------------|------------------------------|----------------------------------------|
| Does this raw material contain or can be considered asengineered nanomaterial        | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| Does this raw material have been made with nanotechnology?                           | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| Does the product contain nanotechnology as defined by the French decree no.2012-232? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |

## RESIDUAL SOLVENTS

According to UE Directive 2009/32 modified by (UE)2010/59 and CPMP/ICH/283/95Q3C

|                                                                                                 |                                         |                                        |
|-------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|
| Does the raw material contain any residual solvent                                              | <input type="checkbox"/> YES            | <input checked="" type="checkbox"/> NO |
| If yes,please give:<br>percentage and name of each solvent used:<br>level of residual solvents: |                                         |                                        |
| Is the product in compliance with the UE Directive 2009/32                                      | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO            |
| Is the product in compliance with the ICH guidelines                                            | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO            |

## FOOD CERTIFICATE

|                                                                                 |                                |                                    |                                         |                                           |
|---------------------------------------------------------------------------------|--------------------------------|------------------------------------|-----------------------------------------|-------------------------------------------|
| Manufacturer's quality certificates:                                            |                                |                                    |                                         |                                           |
| ISO 9001 <input type="checkbox"/>                                               | HACCP <input type="checkbox"/> | ISO 14001 <input type="checkbox"/> | ISO 22000 <input type="checkbox"/>      | <input checked="" type="checkbox"/> OTHER |
| Is the raw material Food Grade?                                                 |                                |                                    | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO               |
| Can the product be used in baby food(Directive 2006/141/CE)?                    |                                |                                    | <input type="checkbox"/> YES            | <input checked="" type="checkbox"/> NO    |
| Does the product comply with the UE Regulation No231/2012 about additives?      |                                |                                    | <input type="checkbox"/> YES            | <input checked="" type="checkbox"/> NO    |
| Is the product complying with a Pharmacopeia monography?                        |                                |                                    | <input type="checkbox"/> YES            | <input checked="" type="checkbox"/> NO    |
| Is the product complying with the UE Regulation No.1334/2008 about flavourings? |                                |                                    | <input type="checkbox"/> YES            | <input checked="" type="checkbox"/> NO    |
| Was the product used in the European food industry before May 1997?             |                                |                                    | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO               |
| If no,could you provide an authorisation (according to Regulation 258/97/EC)?   |                                |                                    | <input type="checkbox"/> YES            | <input type="checkbox"/> NO               |
| Are stability studies available?                                                |                                |                                    | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO               |

## CONTAMINANTS

| Is the product conforming to UE regulations No 2023/915 setting maximum levels for certain contaminants in foodstuffs, as amended? |                        | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------|-----------------------------|
| Contaminants                                                                                                                       | Tested?                | Result                                  |                             |
| Pesticides (multi-residue)?                                                                                                        | Can be Provide if need | Complies with EU 396/2005               |                             |
| Dioxins and dioxin like PCBs?                                                                                                      | NO                     | Not routinely tested                    |                             |
| Heavy metals                                                                                                                       | Can be Provide if need | Complies ( $\leq 10$ ppm)               |                             |
| PAHs(PAH4)                                                                                                                         | Can be Provide if need | Complies with EU 915/2023               |                             |
| Benzo[a]pyrens?                                                                                                                    | Can be Provide if need | Complies with EU 915/2023               |                             |
| Mycotoxins (Aflatoxins, OTA)                                                                                                       | Can be Provide if need | Complies with EU 915/2023               |                             |
| 3-MCPD                                                                                                                             | NO                     | Not applicable                          |                             |
| Doping like substances?<br><a href="http://list.wada-ama.org/">http://list.wada-ama.org/</a>                                       | NO                     | Not applicable                          |                             |

## FOREIGN BODIES

| Which material do you use in order to fight against the foreign bodies |           |                |                                          |
|------------------------------------------------------------------------|-----------|----------------|------------------------------------------|
|                                                                        | Presence? | Test frequency | Where is it located on the process line? |
| Magnet                                                                 | YES       | Continuous     | Raw material intake / processing line    |
| Metal detector                                                         | YES       | Each batch     | Before packaging                         |
| Sieve                                                                  | YES       | Continuous     | During processing                        |
| Filter                                                                 | YES       | Continuous     | Extraction / filtration stage            |
| X-ray detection                                                        | NO        | N/A            | N/A                                      |
| Other(please specify)                                                  |           |                |                                          |

## NUTRITIONAL VALUES

| Nutritional Composition                                                                     | <input checked="" type="checkbox"/> Per 100g | <input type="checkbox"/> Per serving |
|---------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------|
| Energy(kJ/kcal)                                                                             | 340 kcal                                     |                                      |
| Total Fat(g)                                                                                | 0.1 g                                        |                                      |
| Total Carbohydrate(g)                                                                       | 84.0g                                        |                                      |
| Fibre(g)                                                                                    |                                              |                                      |
| Protein(g)                                                                                  | 0.5 g                                        |                                      |
| Salt(g)                                                                                     |                                              |                                      |
| Vitamins:                                                                                   |                                              |                                      |
| Minerals:                                                                                   |                                              |                                      |
| Remarks: Nutrition Data are obtained by 3 <sup>rd</sup> party lab; tested on a yearly basis |                                              |                                      |

## TRACEABILITY

|            |     |
|------------|-----|
| Batch size | 1MT |
|------------|-----|



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|                                                                                                                                                                  |                                                                                       |                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------|
| Batch definition                                                                                                                                                 | A batch is defined as a homogeneous production lot produced under the same conditions |                             |
| Signification of the batch number by an example                                                                                                                  |                                                                                       |                             |
| Marking method (labelling...)                                                                                                                                    |                                                                                       |                             |
|                                                                                                                                                                  |                                                                                       |                             |
| <b>PACKAGING</b>                                                                                                                                                 |                                                                                       |                             |
| Is the packaging material approved as food grade according to regulations 1935/2004,10/2011 and 1282/2011?                                                       | <input checked="" type="checkbox"/> YES                                               | <input type="checkbox"/> NO |
| Do you guarantee the packaging traceability according to regulation 1935/2004(art 17)?                                                                           | <input checked="" type="checkbox"/> YES                                               | <input type="checkbox"/> NO |
| Can you guarantee that the product and its packaging supplied to do not contain Phtalates?                                                                       | <input checked="" type="checkbox"/> YES                                               | <input type="checkbox"/> NO |
| Can you guarantee that the product and its packaging supplied to do not contain ITX? (A packaging contaminant:Isopropylthioxanthone(ITX)found in dairy products) | <input checked="" type="checkbox"/> YES                                               | <input type="checkbox"/> NO |
| Can you guarantee that the product and its packaging supplied to do not contain BisphenolA(BPA)?                                                                 | <input checked="" type="checkbox"/> YES                                               | <input type="checkbox"/> NO |
| Do you add desiccant bags during packaging process? If so,where do you mention it:.....                                                                          | <input checked="" type="checkbox"/> YES                                               | <input type="checkbox"/> NO |
| Can you provide migration test in order to guarantee packaging safety?                                                                                           | <input checked="" type="checkbox"/> YES                                               | <input type="checkbox"/> NO |
|                                                                                                                                                                  |                                                                                       |                             |
| <b>WASTE DISPOSAL</b>                                                                                                                                            |                                                                                       |                             |
| What is your waste disposal method?By professional waste handling facility<br>Please indicate waste code(according to OJ 2006/1013 on July 12th,2006):           |                                                                                       |                             |



## Flow Chart

