

Specification Sheet

Apple cider vinegar Powder

General Information

| | |
|-------------------|----------------------------|
| Product Name | Apple cider vinegar Powder |
| CAS# | NA |
| Origin Country | China |
| Raw Material Type | Botanical Raw Powder |
| Package | 25kg/Drum (N.W.) |

Regulatory Compliance

| | |
|--------------------|---------------------------------------------------------------------|
| Non-GMO | Compliant |
| Non-Irradiation | Compliant |
| Non-Ethylene Oxide | Compliant |
| Non-BSE/TSE | Compliant |
| Components | Apple cider vinegar Powder |
| Allergens | None |
| Others | Free of gluten, animal derivatives, artificial flavors, sugar, milk |

Source Material

| | |
|-----------------|----------------------------|
| Genus & Species | Malus pumila Mill. |
| Plant Part | Dried Aerial Part |
| Common Name | Apple cider vinegar Powder |

Process Information

| | |
|---------------------------------|----------|
| Production Method | Physical |
| Extract Solvent / Solvent Ratio | NA |
| Herb to Native Extract Ratio | NA |
| Residual Solvent | None |

Other Information

| | |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shelf Life | 24 months |
| Storage Conditions | Room temperature, sheltered from light, moisture and oxygen. |
| Notes | <ol style="list-style-type: none">1. It is a natural product, there is likely to be minor color variation from batch to batch of the product because of the geographical and seasonal variations of the raw material.2. Natural products can be hygroscopic and tend to agglomerate depending on the nature of the product. It is suggested to sift before use.3. It's important that you carefully check the above details against your own label claim.4. Heavy metals are tested outside by ICP-MS as per AOAC Standard. |

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| Physical Analysis | Specification | Method |
|----------------------------|--------------------------------|------------------|
| Identification | Positive | HPTLC (Alkemist) |
| Total acid(in acetic acid) | ≥5.0% | GB/T 12456-2008 |
| Appearance | White to off-white Fine Powder | Visual |
| Odor | Characteristic | Organoleptic |
| Taste | Characteristic | Olfactory |
| Bulk Density | 0.30 - 0.60g/ml | USP <616> |
| Particle Size | NLT 95% Pass 80mesh | USP <786> |
| Moisture | NMT 5.0% | USP <731> |

| Heavy Metals | Specification | Method |
|---------------------|----------------------|---------------|
| Lead (Pb) | NMT 1.0 ppm | AOAC 993.14 |
| Arsenic (As) | NMT 1.0 ppm | AOAC 993.14 |
| Mercury (Hg) | NMT 1.0 ppm | AOAC 993.14 |
| Cadmium (Cd) | NMT 1.0 ppm | AOAC 993.14 |

| Microbiologicals | Specification | Method |
|-------------------------|----------------------|---------------|
| Total Plate Count | NMT 10,000 cfu/g | USP <2022> |
| Yeast and Mold | NMT 1,000 cfu/g | USP <2022> |
| E. Coli | Negative/10g | USP <2022> |
| Salmonella | Negative/10g | USP <2022> |
| Staphylococcus | Negative/10g | USP <2022> |

