

## PRODUCT SPECIFICATION

### *EuroVanillin Supreme FM*

EuroVanillin Supreme is lignin-based vanillin suitable for food products and fragrances. It consists of white to slightly coloured crystals or powder and has an odour characteristic of vanilla.

#### **We certify that the product supplied by Borregaard BioVanillin is:**

- Approved for use in food products as flavourings.
- Not treated with ionizing rays.
- Not manufactured from genetically modified raw materials or by genetically modified organisms.
- Not genetically modified and do not contain any genetically manipulated ingredients.
- Suitable for vegans, vegetarians, lacto-vegetarians, ovo-lacto vegetarians, and haemoglobin free diets.
- Defined as a Derived Natural ingredient for cosmetics and personal care according to the International Standard ISO 16128-1.

The product is Kosher, and Halal certified.

The product complies with European Council directive 2001/18/EC concerning the deliberate release of genetically modified organisms. The GMO status is in accordance to European Regulation (EC) No 1829/2003 and Regulation (EC) No 1830/2003 concerning traceability of raw materials and labelling.

The above product supplied by Borregaard AS is manufactured and distributed in accordance with relevant regulations regarding food additives, e.g., EU regulation for flavour and hygiene; Regulation (EC) no. 1334/2008 and Regulation (EC) No. 852/2004 and the US Code of Federal Regulations; 21 CFR § 182.60. The product is routinely analysed with regards to purity.

Borregaard AS meet the requirements FSSC 22000, and our products correspond to FCC.

| Parameter                  | Specification              |
|----------------------------|----------------------------|
| Physical appearance        | Powder                     |
| Colour                     | White to slightly coloured |
| Odour                      | Conforms                   |
| Identification (IR)        | Conforms to standard       |
| Ethanol solution           | Conforms                   |
| Purity (GC)                | Min 99.9% on dry basis     |
| Residual solvents (GC)     | Conforms                   |
| Melting point              | 81-83°C                    |
| Loss on drying             | Max. 0.5%                  |
| Rest on ignition           | Max. 0.05%                 |
| Colour in ethanol solution | Not more than B6           |
| Sulphuric acid test        | Conforms                   |



**Product description**

| Quality                         | Code       | Physical appearance | Fractionated by the following screens             |      | Packaging units | Material no. |
|---------------------------------|------------|---------------------|---|------|-----------------|--------------|
|                                 |            |                     | Microns   | Mesh |                 |              |
| <b>EV Supreme Milled Powder</b> | <b>FML</b> | <b>Powder</b>       | Specification<br>Max 0.2% > 250<br>Max 2.0% > 160 |      | 15 kg           | 107511       |

**Additional information**

The microbiological load and content of heavy metals and other elements are routinely tested on a random selection of batches. See the regulatory quality brochure for more information.

**Storage**

Store dry in original unopened containers at a controlled ambient temperature.  
Preferred RH: below 60%.

**Shelf life**

Provided the product is stored as advised, it has a "use by date" of 5 years from the date of production.

**Packaging**

| Quantity per box | Boxes per pallet | Quantity per pallet | Measurements packed pallet | Packing description   |
|------------------|------------------|---------------------|----------------------------|---|
| 25 kg            | 16               | 400 kg              | 120 x 80 x 100 cm          | An inner heat-sealed PE bag containing product placed in a cardboard box sealed with tamperproof logo tape. |

**Handling precautions**

Please see Safety Data Sheet (SDS) for further information.

**Labelling****Europe**

- When not intended for sale to the final consumer, this product shall be labelled as "flavouring" or a more specific name or description of the flavouring e.g., "vanillin" according to Regulation (EC) No 1334/2008

**USA**

- The product shall be labelled as "vanillin" or "artificial vanillin flavour" when shipped to a food manufacturer or processor (but not a consumer) for use in the manufacture of a fabricated food, according to CFR101.22(g)

**Country of origin**

Singapore

**Useful numbers**

CAS No.: 121-33-5, EINECS No.: 204-465-2, FEMA no: 3107, FDA GRAS: §182.60 (CFR), Council of Europe No.: 107, FL no 05.018. HS-code: 29.12.4100. REACH registration number: 01-2119516040-60-0001.

**Disclaimer**

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