



PRODUCT SPECIFICATION

EuroVanillin Supreme

EuroVanillin Supreme is lignin based vanillin suitable for food articles 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 Ingredients are:

- Approved for use in food products as flavourings.
- Not treated by 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.
- Not containing any allergy substances e.g. EU Regulation (EC) no. 1169/2011.
- Suitable for vegetarians, lacto-vegetarians, ovo-lacto vegetarians, and haemoglobin free diets.

The product is Kosher and Halal approved.

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 §§ 172 and 182. The product is routinely analysed with regards to purity.

Borregaard AS meet the requirements FSSC 22000 and our products corresponds to USP/NF, FCC and Eur.Ph.

Parameter	Specification
Physical appearance*	Crystals/powder
Colour	White to slightly coloured
Odour	Conforms
Identification (IR)	Conforms to standard
Ether solution*	Conforms
Ethanol solution*	Conforms
Purity (GC)	Min 99.9% on dry basis
Organic volatile impurities (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

* tested on a routinely selection of batches





Product description - Grades available

Quality	Code	Physical appearance	Fractionated by the following screens		Packaging units	Material no.
			Microns	Mesh		
EV Supreme Crystals	FC	Crystals	< 840	< 20	25 kg ¹ 1 kg ²	100696 100698
EV Supreme Super Flow	FS	Crystals	250-840	60-20	25 kg ¹ 1 kg ²	100699 100698
EV Supreme Fine Crystals	FB	Crystals	< 250	> 60	25 kg ¹	100702
EV Supreme Milled Powder	FM	Milled powder	Specification Max 0.2% > 250 Max 2.0% < 160		15 kg ¹	107511

1) Cardboard box lined with PE bags, 2) Tin lined with paper/PE bags

Additional information

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

Storage

Store dry in original, unopened containers at controlled, cool temperature, between 8 and 25°C. Preferred RH: <50-60%.

Shelf life

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

Handling precautions

Vanillin (as pure product) is classified as eye irritating according to Regulation (EC) No. 1272/2008.

Hazard Class-and-Category: Eye Irrit. 2. Hazard statement: H319

Labelling

This product does not entail any labelling of GMO or allergy in the finished product (e.g EU Regulations (EC) No. 1830/2003 (GMO) and No. 1169/2011 (food information). For more information, see the fact sheet.

Country of origin

Norway

Transport

Vanillin is not classified for transport. According to CLP (classification, labelling and packaging of substances and mixtures), which is the European implementation of GHS (Globally Harmonized System of Classification and Labelling of Chemicals).

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. FDA establishment registration number: 11876442504

www.vanillin.com <http://www.sustainablevanillin.com> www.borregaard.com

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our product. We guarantee that our products comply with our sales specifications. This information must on no account be used as a substitute for necessary prior tests, which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorizations. Users are requested to check that they are in possession of the latest version of this document and we are at their disposal to supply any additional information.