

PRODUCT SPECIFICATION

EuroVanillin Aromatic

EuroVanillin Aromatic is guethol based ethyl vanillin suitable for food articles and fragrances. It consists of white to slightly coloured crystals with a strong, vanilla like odour.

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.

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 §§ 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	White to slightly yellow crystalline powder.
Identity	Conforms to standard
Odour/flavour	Intense vanilla note
Assay	Min. 99,9%
Colour (ethanol solution)	Max. 50 Hazen
Melting point	76 -78 °C
Residue on ignition	Max. 0,05 %
Loss on drying (moisture)	Max. 0,5 %
Heavy metals (as Pb)	Max. 10 ppm
Arsenic (as As)	Max. 0,1 ppm
Total chlorine	Proven absence



Product description - Grades available

Quality	Code	Physical appearance	Packaging units	Material no.
EV Aromatic Crystals	STE	Crystals	25 kg	100711

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 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

EuroVanillin Aromatic is packaged as follows: An inner heat-sealed PE bag containing 25 kg product placed in a cardboard box sealed with tamperproof logo tape. There are 12 boxes per pallet and one pallet is 300 kg.

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., "ethyl vanillin" according to Regulation (EC) No 1334/2008

USA

- The product shall be labelled as "ethyl vanillin", "artificial flavour" 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

USA

Useful numbers

CAS No.: 121-32-4, EINECS No.: 204-464-7, FEMA GRAS: 2464, FDA GRAS: §182.60 (CFR), Council of Europe No.: 108, FL no 05.019. HS-code: 29.12.4200, REACH registration number: 01-2119958961-24

Disclaimer

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 only guarantee that our products comply with our sales specifications and make no other representation or warranty of any kind. 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. The labelling, substantiation and decision making of all claims for your products is your responsibility. We recommend you consult regulatory and legal



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advisors familiar with all applicable laws, rules, and regulations prior to making labelling and claims decisions. 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.

