Organic Product Certificate

The Natural Choice for Flavor and Fragrance Ingredients

PRODUCT NAME: **Gamma Octalactone, Natural**

FEMA No: **2796**

1. This is to certify that the above product made by Aurochemicals is qualified for use in Organic Foods since it is all manufactured under criteria according to National Organic Program delineated by the USDA, accessible on the USDA website www.AMS.USDA.gov.

2. Herein the Act (7 U.S.C. 6502(21)), natural substance suitable for Organic Foods is defined as follows: Non-synthetic (Natural) - A substance that is derived from mineral, plant, or animal matter and does not undergo a synthetic process as defined in section 6502(21) of the Act (7 U.S.C. 6502 (21). For purposes of this Act non-synthetic is used as a synonym for natural as the term is used in the Act.
   A. No Preservatives are used.
   B. Products have not been irradiated or sterilized or sterilized by gas.
   C. Products are guaranteed to be free of sewage and sludge.
   D. Products contain only the raw material mentioned.
   E. The specified raw material or the used processing aids, do not contain protein or DNA resulting from genetic modification (GMO).
   F. There are no additives and all solvents and carriers employed in the product are limited to the following natural solvents: ethanol, essential oils, water, vegetable oil, glycerol or CO_2. The glycerin used in Aurochemicals natural products is produced by the steam cracking of botanical-based vegetable oils with subsequent purification by distillation.
   G. The flavor is non-synthetic.
   H. The flavor has not been produced using synthetic solvents and carrier systems or any artificial preservatives.
   I. Meets the natural flavor definition as defined on the Natural List of Allowed and Prohibited Substances (7 CFR 205.605).
3. The products are produced solely from Botanical, NON-GMO sources.
   A. The products comply to the regulations concerning maximum pesticide residues (RHmV).
   B. The products are manufactured according to the IOFI Guidelines for natural substances (Code of Practice Annex).
   C. The Products Comply with the Flavour Directive 1334/2008 and can be declared as natural according to article 3(2)(c) or (d) and (k).

Accordingly, all Naturals sold by Aurochemicals conform to the FDA definition for a natural flavoring 21 CFR 101.22(a)(3) and thus conforms to the guidelines outlined above in the Act (7 U.S.C. 6502(21)).

Signed Oct. 23, 2019,

Sagar Lachmansing
Vice President | Food Safety & Quality Assurance

Aurochemicals