1. PRODUCT NAME: Vanillin FCC
2. APPEARANCE: A fine white to slightly yellow crystals, usually needles.
3. CHEMICAL NAME: 4-Hydroxy-3-methoxybenzaldehyde.
4. MOLECULAR FORMULA: C₈H₈O₃
5. MOLECULAR WEIGHT: 152.15
6. IDENTIFICATION: CAS Number 121-33-5, FEMA: 3107
7. FUNCTIONAL CLASS: Flavouring Agent
8. ABBREVIATIONS: FCC = Food Chemical Codex.
   CFSL = Camlin Fine Sciences Ltd.

9. IDENTIFICATION
   a) Description: A fine white to slightly yellow crystals, usually needles.
   b) Odour: Odour and taste of Vanilla.
   c) Solubility: Soluble in alcohol, chloroform, ether; 1gm of vanillin soluble in 100ml water at 25°C, in 20ml glycerine, and in 20ml water at 80°C.
   d) Melting Range: Between 81°C to 83°C.
   e) IR Absorption: The spectrum of the sample exhibits maxima at the same wavelength as those in the spectrum of RS.

10. PURITY
    a) Assay (GC): Minimum 99% of C₈H₈O₃
    b) Residue on ignition: Maximum 0.05% (use 10g)
    c) Loss on drying: Maximum 0.5%
    d) Heavy Metals (as Pb): Maximum 10 ppm
    e) Arsenic: Maximum 3 ppm

11. CONFORMITY:
    a) FCC, JECFA and EU: Vanillin conforms with FCC, JECFA and EU specifications.
    b) Genetically Modified Organisms: Vanillin is not produced from ingredients or processing aids derived by genetic modification. Vanillin does not contain any genetically modified organisms.
    c) BSE/TSE: No animal derived ingredients whatsoever are used in the production of Vanillin. Further there is no animal derived ingredient used in the facility where Vanillin is produced.
    e) KOSHER: Vanillin is Kosher & Pareve and can be used in Kosher food industry, pharmaceuticals & other Kosher products.
    f) HALAL: Vanillin is Halal certified.

12. APPLICATIONS: Chocolate, Bakery products, Dairy products, Foods and Beverages.
13. SHELF LIFE: 2 years from the date of manufacture, when properly stored in sealed original container in cool dry place.
14. STORAGE: Store in cool dry place away from moisture, oxidizing agents and alkaline atmosphere. Keep container closed when not in use.
15. PACKAGING: 25 kg packed in LDPE bags inside fibre drums.
   25 kg packed in LDPE bags inside 7ply corrugated box.
16. LABELLING: The label includes product name, batch number, gross weight, net weight, manufacturer name, manufacturing date and expiration date.