



SPECIFICATION SHEET

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:	$C_8H_8O_3$
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.

TESTS	SPECIFICATIONS	METHOD
9. IDENTIFICATION		
a) Description	A fine white to slightly yellow crystals, usually needles.	FCC
b) Odour	Odour and taste of Vanilla.	FCC
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.	FCC
d) Melting Range	Between 81°C to 83°C.	FCC
e) IR Absorbtion	The spectrum of the sample exhibits maxima at the same wavelength as those in the spectrum of RS.	FCC
10. PURITY		
a) Assay (GC)	Minimum 99% of $C_8H_8O_3$	FCC
b) Residue on ignition	Maximum 0.05% (use 10g)	FCC
c) Loss on drying	Maximum 0.5%	FCC
d) Heavy Metals (as Pb)	Maximum 10 ppm	FCC
e) Arsenic	Maximum 3 ppm	FCC

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.
- d) ISO CERTIFICATION: Vanillin is ISO 9001:2008 and ISO 22000:2005 Certified.
- 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.