

## Certificate of Analysis

Product Name: **Vanillin** Specification: **Food grade**  
Batch No.: **TR20250314** Quantity: **10,000 KGS**  
Production Date: **Mar 14-2025** Expiry Date: **Mar 14-2027**

Items	Unit	Standard	Results
Characteristics	-	White to slightly yellow crystals, Usually needlelike	conformity
Odour	-	Characteristics of Vanillia	conformity
Solubility	-	1g of vanillin soluble in 100ml water, 3ml 70% or 2ml 95% ethanol at 25°C, in 20ml glycerol, in 20ml water at 80°C. Soluble in chloroform, ether	conformity
Identification	-	Complies	Complies
Melting Point	-	81.0-83.0°C	81.0°C
Purity (by GC)	%	≥99.50%	0.9992
Loss On Drying	%	≤0.5%	0.0004
Arsenic(As)	%	≤0.0003%	< 0.0003%
Heavy Metal (based on Pb)	%	≤0.001%	< 0.001%
Residue on ignition	%	≤0.05%	Complies
Related substance	-	Complies	Complies

**CONCLUSION:** The product has been conformed to GB 1886.16-2015/FCC(Food Chemicals Codex); USP-NF (U.S. Pharmacopeia)/ EP(European Pharmacopoeia) Latest Edition.

**PACKING:** 25 KGS/Carton

**STORAGE:** Stored in a cool, dry environment, strictly prohibited storing and shipping with harmful toxic



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