

VANILLIN (ETERNAL PEARL BRAND)

TEST ITEMS	STANDARD	TEST METHOD	RESULTS
	FCC VIII		
APPEARANCE	WHITE TO SLIGHTLY YELLOW CRYSTALS, USUALLY NEEDLES.	EYEBALLING	CONFORMITY
ODOUR	ODOUR AND TASTE OF VANILLA	PAIRED COMPARISON METHOD	CONFORMITY
IDENTIFICATION (INFARED SPECTRA)	THE SPECTRUM OF THE SAMPLE EXHIBITS RELATIVE MAXIMA AT THE SAME WAVELENGTHS AS THOSE OF THE SPECTRUM BELOW.	IR	CONFORMITY
ASSAY, % (ON THE DRIED BASIS)	>99.0	GC	99.98
LOSS ON DRYING, %	<0.5	SILICA GEL DRIER	0.06
MELTING RANGE, °C	81-83	MELTING POINT APPARATUS	81.3
RESIDUE ON IGNITION, %	<0.05	HIGH TEMPERATURE IGNITION	0.04
HEAVY METALS (PB), %	<0.001	COLORIMETRY	<0.001
ARSENIC, %	<0.0003	ARSENIC STAIN METHOD	<0.0003
SOLUBILITY	SOLUBLE IN ALCOHOL, CHLOROFORM, ETHER; 1G DISSOLVES IN 100 ML WATER AT 25 °C, IN 20 ML GLYCERIN, AND IN 20 ML WATER AT 80 °C	DYNAMIC METHOD	CONFORMITY
CONCLUSION	THIS MATERIAL COMPLIES WITH FCC VIII		