

ETHYL VANILLIN (ETERNAL PEARL BRAND)

TEST ITEMS	STANDARD	TEST METHOD	RESULTS
	FCC VIII		
APPEARANCE	FINE WHITE OR SLIGHTLY YELLOW CRYSTALS	EYEBALLING	CONFORMITY
ODOUR	STRONG VANILLA	PAIRED COMPARISON METHOD	CONFORMITY
IDENTIFICATION (INFARED SPECTRA)	CONFORM	IR	CONFORMITY
ASSAY, % (ON THE DRIED BASIS)	>99.0	GC	99.97
MELTING RANGE, °C	76-78	MELTING POINT APPARATUS	76.1
LOSS ON DRYING, %	<0.5	SILICA GEL DRIER	0.07
RESIDUE ON IGNITION, %	<0.05	HIGH TEMPERATURE IGNITION	0.04
SOLUBILITY	1G IN 100 ML WATER (50°C) OR 5 ML 95% ETHANOL	DYNAMIC METHOD	CONFORMITY
HEAVY METALS (PB), %	<0.001	COLORIMETRY	<0.001
ARSENIC, %	<0.0003	ARSENIC STAIN METHOD	<0.0003
CONCLUSION	THIS MATERIAL COMPLIES WITH FCC VIII		