



嘉兴市中华化工有限责任公司
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CERTIFICATE OF ANALYSIS

VANILLIN (EX CATECHOL)

TEST ITEMS	STANDARD	TEST METHOD	RESULT
	FCC IX		
APPEARANCE	WHITE TO SLIGHTLY YELLOW CRYSTALS, USUALLY NEEDLES.	EYEBALLING	CONFORMITY
ODOR	ODOR & 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 DRIES BASIS)	>99.00	GC	99.93
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 25C°, IN 20 ML GLYCERIN & IN 20 ML WATER AT 80C°	DYNAMIC METHOD	CONFORMITY
CONCLUSION	THE MATERIAL COMPLIES WITH FCC IX.		