

CERTIFICATE OF ANALYSIS

Product Name:	O-Cymen-5-OL	Batch No.	JL20221102
Cas	3228-02-2	MF Date	Nov.02,2022
Packing	25KGS/DRUM	Analysis Date	Nov.02,2022
Quantity	500KGS	Expiry Date	Nov.01,2024
ITEM 分析项目	STANDARD 技术指标		RESULT 实测结果
Appearance	White powder or white needle crystalline powder		Conform
Identification	(1) Triturate sample with an equal amount of camphor; the mixture liquefies. (2) Dissolve a small sample in 1ml of glacial acetic acid, add 6 drops of sulfuric acid and 1 drop of nitric acid; a red-brown color develops. (3) To 1g sample add 5ml of a solution of sodium hydroxide (1→10) and heat on a water bath; a colorless or light yellow liquid is obtained. To this liquid add 2 to 3 drops of chloroform, while warm, and shake; a yellow-green color develops. (4) The sample solution exhibits a maximum absorbance at the wavelength at 279+2 nm.		Conform
Melting point	110~113°C		110.4~111.3°C
PH	6.5-7.0		6.8
Purity	(1) Clarity of solution dissolve 3.0g sample in 10ml of ethanol; the solution is clear. (2) Organic impurities: TLC (3) Heavy metals(Pb)≤10ppm (4) Arsenic≤2ppm		(1) Conform (2) Conform (3)<20ppm (4)<2ppm
Assay by HPLC	≥99.0%		99.81%
Conclusion	Qualified		

Analyst: *Wen Qian***Quality Assurance Officer:** *Zhan Peng*