



Unilong Industry Co., Ltd

Add: No.8 Bldg Shuntai, No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China
Contact: +86-13402202010 Website: www.unilongmaterial.com

Technical data sheet of O-CYMEN-5-OL

Product name:O-CYMEN-5-OL

Other product name:4-ISOPROPYL-3-METHYLPHENOL;IPMP

Cas No.: 3228-02-2

Molecular formula: C₁₀H₁₄O

Molecular weight: 150.22



Molecular structure:

Specification:

Item	Standard
Appearance	Almost no odor,white crystalline powder or crystalline needle powder
Identification	Triturate sample with an equal amount of camphor; the mixture liquefies.
	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.
	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.
	The sample solution exhibits a maximum absorbance at the wavelength at 279+2 nm.
Melting point	110~113℃
PURITY	Clarity of solution dissolve 3.0g sample in 10ml of ethanol; the solution is clear.
	Organic impurities: TLC
	Heavy metals(Pb)≤10ppm
	Arsenic≤2ppm
Assay by HPLC	≥99.0%

Packing:20kgs/drum or 25kgs/drum,9tons/container

Application:

1)Cosmetic: As Antiseptic,anti-bacterial,acne,stabilizer usage in facial cleaner,face cream,compact powder,body shower,hair care,perfume, toothpaste,eyeshadow,wipes ect.

2) Pharmaceuticals:

Can be used to inhibit bacterial or fungal skin diseases,oral or anus disinfection

3) Medicine: as disinfectant for in oral disinfectant,mouthwash,shampoo,toothpaste ect

4) Industry: as disinfectant in room, clothes.