

## 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:** C<sub>10</sub>H<sub>14</sub>O

**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.