

3-Methyl-4-Isopropyl phenol

Introduction

Isopropyl Methylphenol (IPMP) also called o-cymen-5-ol, is an isomer of thymol and is the best replacement of triclosan. It is high stable and more safety when used in cosmetic, oral care products and other pharmaceutical products. IPMP is based on the active matter 4-isopropyl-3-methylphenol. This relatively new biocide is of natural origin. Its good solubility in alcohols and extremely low tendency to cause irritation makes it a preferred preservative for toothpastes and creams.

Ingredient

Chemical Name	4-ISOPROPYL-3-METHYLPHENOL
CAS	3228-02-2
MF	C10H14O
MW	150.22

Item and Standard

ITEM	Stand	STANDARD
Appearance		White or almost whit Crystalline powder
Heavy metals	≤10ppm	<10ppm
Water(KF)	≤0.1%	0.05%
Residue on ignition	≤0.1%	0.03%
Melting poine	110-113℃	110-113℃
Boling point	244℃	244℃
PH	6.5-7.0	6.6
Assay (HPLC)	≥99.0%	99.94%
Loss on drying	≤1.0%	0.55%

Application

Product description

IPMP is based on the active matter 4-isopropyl-3-methylphenol. This relatively new biocide is of natural origin. Its good solubility in alcohols and extremely low tendency to cause irritation makes it a preferred preservative for toothpastes and creams.

Applications

Preservative for toothpastes.

Preservative for handwash and creams



Packaging

25kg/drum

Storage

Please reading safety data sheet before carrying or using the product.

Cool and dry, keep tightly closed, quality guarantee period is two years.