



Detection of Mold and Yeast in Cosmetics (Draft for Comments) and Explanatory Notes 《化妆品中霉菌和酵母菌的检验方法(征求意见稿)》 及起草说明

National Institutes for Food and Drug Control

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Attachment 5

Detection of Mold and Yeast in Cosmetics (Draft for Comments)

1 Scope

This standard specifies the method for detecting mold and yeast count in cosmetics.

This standard applies to the determination of mold and yeast count in cosmetics.

2 Definition

Mold and Yeast Count

The total mold and yeast count formed per g (or mL) of a cosmetic test sample after the sample has been treated and incubated under specified conditions (e.g., culture medium, incubation temperature, and incubation time). This count serves to assess the degree of contamination of cosmetics by mold and yeast and the general hygiene condition of the cosmetics.

Based on the characteristic morphology and incubation properties of mold and yeast, this method employs lecithin-Tween 80-rose Bengal agar culture medium and incubates at 25 ± 1 °C for 5 d to calculate mold and yeast count grown.

3 Strains

No.	Strain Name	Strain Number	Strain Source
1	<i>Candida albicans</i>	CMCC(F) 98001, or other equivalent standard strains	National Center for Medical Culture Collection
2	<i>Aspergillus niger</i>	CMCC(F) 98003, or other equivalent standard strains	National Center for Medical Culture Collection

Note: These strains are used for applicability test and quality control during the testing

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附件 5

化妆品中霉菌和酵母菌的检验方法（征求意见稿）

Detection of Mold and Yeast in Cosmetics (Draft for Comments)

1 范围

本规范规定了化妆品中霉菌和酵母菌数的检验方法。

本规范适用于化妆品中霉菌和酵母菌数的测定。

2 定义

霉菌和酵母菌数 Mold and Yeast Count

化妆品检样经过处理，在一定条件下（如培养基、培养温度和培养时间等）培养后，所得每 g (mL) 检样中形成的霉菌和酵母菌总数，藉以判明化妆品被霉菌和酵母菌污染的程度及其一般卫生状况。

本方法根据霉菌和酵母菌特有的形态和培养特性，使用卵磷脂-吐温 80-孟加拉红琼脂培养基，置 $25\pm 1^{\circ}\text{C}$ 培养 5 d，计算所生长的霉菌和酵母菌数。

3 菌种

序号	菌株名称	菌株编号	菌株来源
1	白色念珠菌	CMCC(F) 98001, 或其他等效标准菌株	中国医学细菌保藏管理中心
2	黑曲霉	CMCC(F) 98003, 或其他等效标准菌株	中国医学细菌保藏管理中心

注：用于适用性试验和检验过程中的质量控制。

4 设备和材料

4.1 恒温培养箱： $25\pm 1^{\circ}\text{C}$ 。

4.2 旋涡混合器。



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