



Aerobic Plate Count in Cosmetics (Draft for Comments) and Explanatory Notes

《化妆品中菌落总数的检验方法(征求意见稿)》
及起草说明

National Institutes for Food and Drug Control

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Attachment 2

Aerobic Plate Count in Cosmetics (Draft for Comments)

1 Scope

This standard specifies the test method for the determination of aerobic plate count in cosmetics.

This standard applies to the determination of aerobic plate count in cosmetics.

2 Definition

Aerobic Plate Count

The total number of microbial colonies formed per g (or mL) of a cosmetic test sample after sample treatment and incubation under certain conditions (e.g., culture medium, incubation temperature, and incubation time).

Determination of the aerobic plate count facilitates assessment of the extent of microbial contamination of the test sample, which serves as a comprehensive basis for the overall hygienic evaluation of the sample.

3 Strains

No.	Strain Name	Strain Number	Strain Source
1	<i>Escherichia coli</i>	CMCC(B)44102, or other equivalent standard strains	National Center for Medical Culture Collection
2	<i>Staphylococcus aureus</i>	CMCC(B)26003, or other equivalent standard strains	National Center for Medical Culture Collection
3	<i>Bacillus subtilis</i>	CMCC(B)63501, 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 2

化妆品中菌落总数的检验方法（征求意见稿）

Aerobic Plate Count in Cosmetics (Draft for Comments)

1 范围

本规范规定了化妆品中菌落总数的检验方法。

本规范适用于化妆品中菌落总数的测定。

2 定义

菌落总数 Aerobic plate 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）检样中形成的微生物菌落总数。

测定菌落总数便于判明检样被微生物污染的程度，是对检样进行卫生学总体评价的综合依据。

3 菌株

序号	菌株名称	菌株编号	菌株来源
1	大肠埃希菌	CMCC(B)44102, 或其他 等效标准菌株	中国医学细菌保藏管理中心
2	金黄色葡萄球菌	CMCC(B)26003, 或其他 等效标准菌株	中国医学细菌保藏管理中心
3	枯草芽孢杆菌	CMCC(B)63501, 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 仪器和设备

4.1 三角瓶：150 mL、250 mL。

4.2 量筒：200 mL。



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