



Detection of *Pseudomonas aeruginosa* in Cosmetics (Draft for Comments) and Explanatory Notes

《化妆品中铜绿假单胞菌的检验方法(征求意见稿)》
及起草说明

National Institutes for Food and Drug Control

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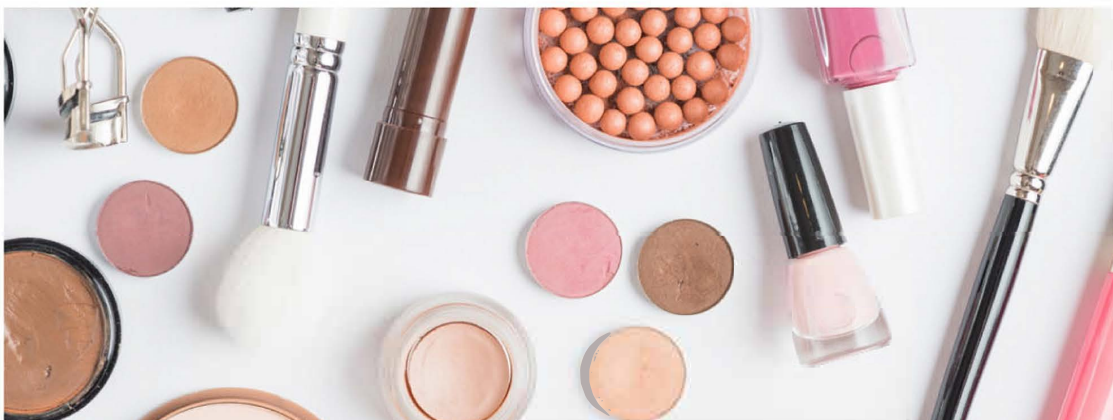
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Attachment 1**Detection of *Pseudomonas aeruginosa* in Cosmetics
(Draft for Comments)****1 Scope**

This standard specifies the test method for the detection of *Pseudomonas aeruginosa* in cosmetics.

This standard is applicable to the detection of *Pseudomonas aeruginosa* in cosmetics.

2 Definition**2.1 *Pseudomonas aeruginosa***

A Gram-negative rod belonging to the genus *Pseudomonas*, which is oxidase-positive and capable of growing at $42 \pm 1^\circ\text{C}$. Most strains can produce pyocyanin.

3 Reference Strain

Serial No.	Strain Name	Strain Number *	Source
1	<i>Pseudomonas aeruginosa</i>	CMCC(B)10104	National Center for Medical Culture Collection

Note: Used for suitability test and quality control during the testing procedure.

* Equivalent standard reference strains from other recognized culture collection organizations may also be used.

4 Apparatus and Materials

4.1 Incubators: $36 \pm 1^\circ\text{C}$ and $42 \pm 1^\circ\text{C}$.

4.2 Erlenmeyer flasks: 150 mL, 200 mL, and 250 mL.

4.3 Test tubes: 18 mm × 150 mm.

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附件 1

化妆品中铜绿假单胞菌的检验方法（征求意见稿）

Detection of *Pseudomonas aeruginosa* in Cosmetics

1 范围

本规范规定了化妆品中铜绿假单胞菌的检验方法。

本规范适用于化妆品中铜绿假单胞菌的检验。

2 定义

2.1 铜绿假单胞菌 *Pseudomonas aeruginosa*

属于假单胞菌属，为革兰氏阴性杆菌，氧化酶阳性，在 42 ± 1 °C条件下能生长。大部分能产生绿脓菌素。

3 菌种

序号	菌株名称	菌株编号*	菌株来源
1	铜绿假单胞菌	CMCC(B)10104	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。

*可使用其他菌种保藏机构的等效标准菌株。

4 设备和材料

4.1 恒温培养箱： 36 ± 1 °C、 42 ± 1 °C。

4.2 三角瓶：150 mL、200 mL、250 mL。

4.3 试管：18 mm×150 mm。

4.4 灭菌平皿：直径 90 mm。

4.5 灭菌刻度吸管：1 mL(具 0.01 mL 刻度)、10 mL(具 0.1 mL 刻度) 或者相应的可调量程移液器及配套灭菌吸头。

4.6 显微镜。



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