



CMPTS-26

Cosmetic Microbiology Proficiency Testing Scheme

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PT-CM-202		

## GENERAL INFORMATION

### Receipt and Storage

- On receipt of the test material, record the date and store refrigerated at 2-8 °C until ready to test. Cream sample should be stored in accordance with the instructions provided on the sample labels from the time of arrival at your laboratory
- The test material should be analyzed in accordance with the deadlines shown on the application form.
- The test materials represent 'real' cosmetic samples, which may or may not contain the target organism(s), at a range of inoculum levels. Test materials may also contain background flora.
- Please consider all dilution factors when calculating the level of the target organisms in the original sample. Where relevant guidance is given in the instructions.
- The test materials should be treated in the same way as routine samples and should therefore be tested using your routine laboratory equipment, reagents and methods.
- Where the instruction mentions a **resuscitate** step, the lyophilized test material should be left at room temperature for 45 minutes before proceeding with the test.
- Do not sub-divide samples prior to dilution unless stated in the instructions.
- Please treat the sample as contaminated material and use aseptic techniques throughout the test procedure.
- Please ensure samples are mixed well at all stages before proceeding with testing.
- Reconstitute the test material according to the appropriate instructions for each sample type.

### Precautions

- Microbiological test materials contain viable micro-organisms and are supplied on the understanding that the purchaser has suitably competent and qualified personnel to handle them safely. Test materials must only be opened in a laboratory by qualified personnel.
- Refer to the Safety Data Sheet for information on the safe handling and disposal of the test materials.

### Reporting Results

- All results should be submitted using the NLPTS reporting form.

- If you need any help at all, please do not hesitate to contact our support team using the details below.

**Tel:** +962 6 5506539

**Email:** [pt-coordinator@naratechlab.com](mailto:pt-coordinator@naratechlab.com)

<b>Protocol CM1V1M</b>	<b>Sample code:</b>	<b>Description:</b> 1 vial + 10g cosmetic matrix (cream)
	PT-CM-201	 
	PT-CM-202	

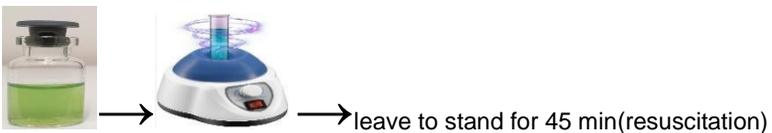
**Step 1:** prepare appropriate volume of diluent  
(for 1:10 dilution prepare 90ml of your routine diluent).



**Step 2:** add 10 ml from the diluent prepared in step 1 to the vial after aseptically remove cap and rubber stopper.

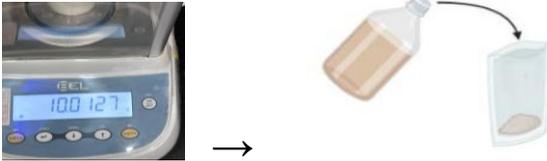


**Step 3:** replace the vial stopper and shake gently to dissolve, allow to resuscitate Before proceeding (45 min resuscitation).



**Step 4:** weigh 10g of cream and reconstitute the cream with the remaining amount of

diluent prepared in step 1.

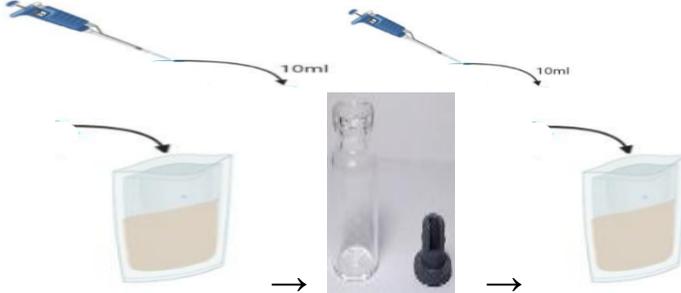


**Step 5:** after resuscitation add the vial content prepared in step 3 to the reconstituted cream from step 4. back wash 2 or 3 times to ensure all the freeze-dried material is recovered from the vial. (This represents the first dilution)

**add the vial content**



**back wash 2 or 3 times**



\*This represents 1:10 dilution.

**Step 6:** proceed with your routine testing.  
(immediately before testing, mix the resuscitated sample thoroughly).

**\*If both detection and enumeration testing are applicable, the same sample used for enumeration can also be selected for detection testing**