



Cosmetics, Toiletries & Detergents (COSMETICS) Individual Report

CS059 Round 59

**CS1026 - Chang Gung University of Science and
Technology**

Issue Number: 1

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LGC Proficiency Testing

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Sample Details

Samples were despatched: 18 August 2025

Reporting Deadline Date: 22 September 2025

The following samples were distributed in COSMETICS Round 59:

Microbiology Samples

Sample	Matrix	Contents	Level (Presence/ Absence)
13A	Lyophilised vial with 10g cream/lotion	<i>Staphylococcus epidermidis</i> <i>Escherichia coli</i>	18,000 cfu/g
13B	Lyophilised vial with 10g cream/lotion	<i>Pseudomonas aeruginosa</i> <i>Penicillium commune</i> Thom <i>Burkholderia cepacia</i>	2,200 cfu/g
16A	Lyophilised vial with 10ml liquid	<i>Klebsiella aerogenes</i> <i>Staphylococcus aureus</i>	
16B	Lyophilised vial with 10ml liquid	<i>Aspergillus brasiliensis</i> <i>Pseudomonas aeruginosa</i> <i>Burkholderia cepacia</i>	3,000 cfu/ml
37	Lyophilised vial	<i>Staphylococcus aureus</i>	

Further information regarding assigned values, performance assessment and technical comments can be found under the individual sample and analyte results.

Chemistry Samples

Sample	Matrix
20	5g lip gloss sample for metals analysis
22	5ml cream sample for hydroquinone analysis
24	125mL mouthwash sample for metals analysis
28	100g soap for chemical analysis
32	125ml liquid detergent for chemical analysis
35	30ml wash gel for allergens analysis

Further information regarding assigned values, performance assessment and technical comments can be found under the individual sample and analyte results.

Please note: Not all the test materials / analytes in this proficiency testing scheme are included in our UKAS scope of accreditation. Please see the current Scheme Description for details of non-accredited items.

Individual Report

This individual report contains a summary of all the results submitted and the performance assessment for your laboratory/individual analysts. Please note that the nominated results for each analyte are indicated by the blue highlight in the analyst field.

Full details of the scheme, sample types and data analysis can be found in the corresponding Main Report, along with any technical comments, if applicable. The main report is the definitive version.

If you have any questions regarding your results which are not answered in the Main Report, please contact us using the details provided on the front of the report. If you would like to order any samples for re-testing please visit our web shop at www.lgcstandards.com or contact your local LGC representative.

Assessment Summary

Sample	Assessments Received	Satisfactory Assessments	Questionable Assessments	Unsatisfactory Assessments	Not Assessed
PT-CS-22	3	3	0	0	0
Round Total	3	3	0	0	0

Result which are Not Assessed should be review by comparing them with the assigned value and other relevant statistics given in the main report. Participants, according to their internal quality criteria, may consider Not Assessed results to be satisfactory, questionable or unsatisfactory. Further information regarding why results may not be assessed is given in the Scheme Information section of the main report.

Repeat PT samples are normally available for purchase, after the completion of the round. These samples can be purchased at a reduced rate if you have taken this sample during the main round. Visit our web shop at www.lgcstandards.com and search for the sample you require.

No unsatisfactory assessments in this round

No questionable assessments in this round

22 - Hydroquinone sample

Analyte	Analyst	Method	Result	Units	Z Score	Assigned Value	Ux AV	SDPA	Exp.SDPA	Number of results	Median	Mean	Robust SD	SD	Your Reference
Hydroquinone	YHL	HPLC	0.56	% w/w	0.18	0.55	0.004	0.055	N/A	18	0.55	0.54	0.015	0.033	CG-QI-OCA4
Hydroquinone	SQH	HPLC	0.55	% w/w	0.00	0.55	0.004	0.055	N/A	18	0.55	0.54	0.015	0.033	CG-QI-OCA4
Hydroquinone	FHH	HPLC	0.49	% w/w	-1.09	0.55	0.004	0.055	N/A	18	0.55	0.54	0.015	0.033	CG-QI-OCA4