



Hygiene Surface Monitoring (HYGIENE) Individual Report

HY347 Round 347

HY2333 - Laboratoire LAB2A

Issue Number: 1

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LGC Proficiency Testing

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Sample Details

Samples were despatched: 24 March 2025

Reporting Deadline Date: 28 April 2025

The following samples were distributed in HYGIENE Round 347:

Sample	Matrix	Contents	Level (Presence/Absence)	Further Information
1	Plastic surface & lyophilised tablet	<i>Escherichia coli</i> <i>Rhodotorula mucilaginosa</i> <i>Penicillium chrysogenum</i>		
2	Plastic surface & lyophilised tablet	<i>Listeria monocytogenes</i> <i>Salmonella</i> Livingstone	670 cfu/200µl 729 cfu/200µl	O:7 (C ₁)
3	Plastic surface & lyophilised tablet	<i>Pseudomonas aeruginosa</i>		
5A	Lyophilised tablet	<i>Candida albicans</i>		
5B	Lyophilised tablet	Blank		
6	Plastic surface & lyophilised tablet	<i>Candida albicans</i> <i>Penicillium commune</i>		
7	Plastic surface & lyophilised tablet	<i>Staphylococcus aureus</i>		
9	Membrane filter	<i>Rothia kristinae</i> <i>Wickerhamomyces anomalus</i>		
10	Lyophilised tablet & diluent	<i>Escherichia coli</i> <i>Klebsiella aerogenes</i> <i>Candida albicans</i> <i>Aspergillus brasiliensis</i>		
11	Lyophilised tablet & diluent	<i>Listeria monocytogenes</i> <i>Salmonella</i> Senegal <i>Escherichia coli</i> O157 Non-toxigenic	77 cfu/ml 20 cfu/ml 129 cfu/ml	O:11 (F)

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

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-HY-01	14	14	0	0	0
PT-HY-02	6	6	0	0	0
PT-HY-09	4	4	0	0	0
Round Total	24	24	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

1 - Surface testing using swabbing techniques

Analyte	Analyst	Method	Result	Units	Log ₁₀	Z Score	Assigned Value	Ux AV	SDPA	Exp.SDPA	Number of results	Median	Mean	Robust SD	SD	Your Reference
Total aerobic mesophilic count (Direct count)	Lab Result	Plate count agar	3600	cfu/200µl	3.56	-0.10	3900	0.02	0.35	N/A	239	3.59	3.42	0.21	0.56	Plate count agar
Total aerobic mesophilic count (Swab count)	Lab Result	Plate count agar	1050	cfu/plate	3.02	0.18	810	0.05	0.62	N/A	269	2.91	2.82	0.62	0.83	Plate count agar
Yeast (Direct count)	Lab Result	Other	3200	cfu/200µl	3.51	-0.04	3300	0.02	0.35	N/A	162	3.52	3.51	0.20	0.44	Other
Yeast (Swab count)	Lab Result	YGC agar	1500	cfu/plate	3.18	0.55	755	0.05	0.54	N/A	183	2.88	2.88	0.54	0.71	YGC agar
Mould (Direct count)	Lab Result	Other	500	cfu/200µl	2.70	-0.36	670	0.03	0.35	N/A	165	2.83	2.83	0.26	0.46	Other
Mould (Swab count)	Lab Result	YGC agar	120	cfu/plate	2.08	-0.45	210	0.05	0.54	N/A	183	2.32	2.27	0.54	0.74	YGC agar
Yeast and Mould (Direct count)	Lab Result	Other	3700	cfu/200µl	3.57	-0.08	3960	0.02	0.35	N/A	136	3.60	3.56	0.16	0.36	Other
Yeast and mould (Swab count)	Lab Result	YGC agar	1620	cfu/plate	3.21	0.38	980	0.06	0.58	N/A	156	2.99	2.99	0.58	0.77	YGC agar
Enterobacteriaceae (Direct count)	Lab Result	VRBGA PP 37	290	cfu/200µl	2.46	0.35	219	0.03	0.35	N/A	190	2.34	2.35	0.31	0.52	VRBGA PP 37
Enterobacteriaceae (Swab count)	Lab Result	VRBGA PP 37	90	cfu/plate	1.95	-0.10	100	0.04	0.45	N/A	220	2	1.92	0.45	0.62	VRBGA PP 37
Coliforms (Direct count)	Lab Result	VRBA PP 30	280	cfu/200µl	2.45	0.42	200	0.02	0.35	N/A	166	2.30	2.31	0.25	0.48	VRBA PP 30
Coliforms (Swab count)	Lab Result	VRBA PP 30	80	cfu/plate	1.90	-0.23	100	0.04	0.41	N/A	193	2	1.92	0.41	0.58	VRBA PP 30
Escherichia coli (Direct count)	Lab Result	TBX PP 37-44	260	cfu/200µl	2.41	0.45	180	0.03	0.35	N/A	167	2.26	2.25	0.29	0.48	TBX PP 37-44
Escherichia coli (Swab count)	Lab Result	TBX PP 37-44	80	cfu/plate	1.90	0.03	78	0.04	0.43	N/A	192	1.89	1.81	0.43	0.60	TBX PP 37-44

2 - Surface testing using swabbing techniques (Pathogens)

Analyte	Result Field	Analyst	Method	Result	Assigned Value	Number of results	Satisfactory %	Unsatisfactory %	Your Reference
Listeria species (Direct Detection)	Result	Lab Result	Enrichment/culture	Detected	Detected	140	95.0%	5.0%	Enrichment/culture
Listeria species (Swab Detection)	Result	Lab Result	Enrichment/culture	Detected	Detected	183	91.3%	8.7%	Enrichment/culture
Listeria monocytogenes (Direct Detection)	Result	Lab Result	Enrichment/culture	Detected	Detected	133	97.7%	2.3%	Enrichment/culture
Listeria monocytogenes (Swab Detection)	Result	Lab Result	Enrichment/culture	Detected	Detected	180	93.3%	6.7%	Enrichment/culture
Salmonella species (Direct Detection)	Result	Lab Result	Enrichment/culture	Detected	Detected	172	97.1%	2.9%	Enrichment/culture
Salmonella species (Swab Detection)	Result	Lab Result	Enrichment/culture	Detected	Detected	224	95.5%	4.5%	Enrichment/culture

09 - Air filter testing

Analyte	Analyst	Method	Result	Units	Log ₁₀	Z Score	Assigned Value	Ux AV	SDPA	Exp.SDPA	Number of results	Median	Mean	Robust SD	SD	Your Reference
Total viable count	TL	Plate count agar	82	cfu/filter	1.91	0.06	78	0.01	0.35	N/A	40	1.89	1.81	0.06	0.26	Plate count agar
Yeast (Direct count)	TL	YGC agar	9	cfu/filter	0.95	0.16	8	0.07	0.35	N/A	34	0.90	0.87	0.28	0.36	YGC agar
Mould (Direct count)	TL	YGC agar	<1	cfu/filter			Absent	0.55	N/A	N/A	33	N/A	N/A	N/A	N/A	YGC agar
Yeast and Mould (Direct count)	Lab Result	YGC agar	9	cfu/filter	0.95	0.31	7	0.08	0.35	N/A	33	0.85	0.88	0.36	0.41	YGC agar