



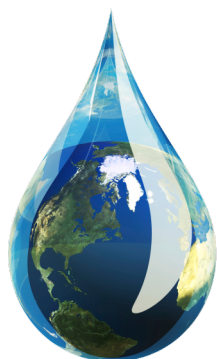
# Water Microbiology (QWAS) Individual Report

**WT301 - (Round 301) 28 Jun 2021**

**WT1021 - ESEBESA, SA DE CV (LECC)**

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**LGC Proficiency Testing**

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**Sample Details**

Samples were despatched: 17 May 2021

Reporting Deadline Date: 28 June 2021

The following samples were distributed in QWAS Round 301:

<b>Sample</b>	<b>Matrix</b>	<b>Contents</b>
412	Lyophilised vial	<i>Rothia kristinae</i> <i>Citrobacter freundii</i> <i>Enterococcus hirae</i>
413	Lyophilised vial	<i>Clostridium perfringens</i> <i>Pseudomonas aeruginosa</i> <i>Rhodotorula mucilaginosa</i> <i>Penicillium verrucosum</i> var. <i>album</i>
414	Lyophilised vial	<i>Bacillus subtilis</i> <i>Pseudomonas aeruginosa</i> <i>Rhodotorula mucilaginosa</i> <i>Aspergillus brasiliensis</i>
416	10g simulated sludge	<i>Citrobacter diversus</i> <i>Salmonella enterica</i> subsp <i>salamae</i>
419	Lyophilised vial	<i>Escherichia coli</i> <i>Enterococcus hirae</i> <i>Salmonella Agona</i>
421	Lyophilised vial	<i>Clostridium perfringens</i> <i>Staphylococcus aureus</i> <i>Staphylococcus epidermidis</i>
424	Lyophilised vial	<i>Staphylococcus aureus</i> <i>Clostridium perfringens</i>
428A	Lyophilised tablet	<i>Enterobacter aerogenes</i>
428B	Lyophilised tablet	<i>Bacillus subtilis</i>
430A	1.5ml liquid sample with waste water matrix	SARS-CoV-2
430B	1.5ml liquid sample with waste water matrix	Negative

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

## 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](http://www.lgcstandards.com) or contact your local LGC representative.

## Assessment Summary

Sample	Assessments Received	Satisfactory Assessments	Questionable Assessments	Unsatisfactory Assessments	Not Assessed
PT-WT-412	20	20	0	0	0
Round Total	20	20	0	0	0

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Result which are Not Assessed should be review by comparing them with the assigned value and other relevant statistics given in the main report. Participant, 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](http://www.lgcstandards.com) and search for the sample you require.

No unsatisfactory assessments in this round

No questionable assessments in this round

## 412 - Potable Water Indicator combination

Analyte	Analyst	Method	Result	Units	Log <sub>10</sub>	Z Score	Assigned Value	Ux AV	SDPA	Exp.SDPA	Number of results	Median	Mean	Robust SD	SD	Your Reference
Total aerobic count @ 22°C	Lab Result	PCA PP 22	150	cfu/ml	2.18	0.00	150	0.01	0.35	N/A	205	2.18	2.15	0.08	0.20	PCA PP 22
Total aerobic count @ 22°C	FF	PCA PP 22	160	cfu/ml	2.20	0.08	150	0.01	0.35	N/A	205	2.18	2.15	0.08	0.20	PCA PP 22
Total aerobic count @ 22°C	GG	PCA PP 22	150	cfu/ml	2.18	0.00	150	0.01	0.35	N/A	205	2.18	2.15	0.08	0.20	PCA PP 22
Total aerobic count @ 22°C	RL	PCA PP 22	130	cfu/ml	2.11	-0.18	150	0.01	0.35	N/A	205	2.18	2.15	0.08	0.20	PCA PP 22
Total aerobic count @ 37°C	Lab Result	PCA PP 37	160	cfu/ml	2.20	0.03	156	0.01	0.35	N/A	216	2.19	2.19	0.07	0.15	PCA PP 37
Total aerobic count @ 37°C	FF	PCA PP 37	170	cfu/ml	2.23	0.10	156	0.01	0.35	N/A	216	2.19	2.19	0.07	0.15	PCA PP 37
Total aerobic count @ 37°C	GG	PCA PP 37	160	cfu/ml	2.20	0.03	156	0.01	0.35	N/A	216	2.19	2.19	0.07	0.15	PCA PP 37
Total aerobic count @ 37°C	RL	PCA PP 37	160	cfu/ml	2.20	0.03	156	0.01	0.35	N/A	216	2.19	2.19	0.07	0.15	PCA PP 37
Escherichia coli	Lab Result	MEMF Chromogenic agar 37	<1	cfu/100ml			Absent	0.13	N/A	N/A	239	N/A	N/A	N/A	N/A	MEMF Chromogenic agar 37
Escherichia coli	FF	MEMF Chromogenic agar 37	<1	cfu/100ml			Absent	0.13	N/A	N/A	239	N/A	N/A	N/A	N/A	MEMF Chromogenic agar 37
Escherichia coli	GG	MEMF Chromogenic agar 37	<1	cfu/100ml			Absent	0.13	N/A	N/A	239	N/A	N/A	N/A	N/A	MEMF Chromogenic agar 37
Escherichia coli	RL	MEMF Chromogenic agar 37	<1	cfu/100ml			Absent	0.13	N/A	N/A	239	N/A	N/A	N/A	N/A	MEMF Chromogenic agar 37
Coliforms	Lab Result	MEMF Chromogenic agar 37	260	cfu/100ml	2.41	0.85	131	0.01	0.35	N/A	249	2.12	2.08	0.15	0.27	MEMF Chromogenic agar 37
Coliforms	FF	MEMF Chromogenic agar 37	260	cfu/100ml	2.41	0.85	131	0.01	0.35	N/A	249	2.12	2.08	0.15	0.27	MEMF Chromogenic agar 37
Coliforms	GG	MEMF Chromogenic agar 37	270	cfu/100ml	2.43	0.90	131	0.01	0.35	N/A	249	2.12	2.08	0.15	0.27	MEMF Chromogenic agar 37
Coliforms	RL	MEMF Chromogenic agar 37	140	cfu/100ml	2.15	0.08	131	0.01	0.35	N/A	249	2.12	2.08	0.15	0.27	MEMF Chromogenic agar 37
Enterococci (faecal streptococci)	Lab Result	MEMF SB 37	60	cfu/100ml	1.78	-0.42	84	0.01	0.35	N/A	185	1.92	1.91	0.06	0.10	MEMF SB 37
Enterococci (faecal streptococci)	FF	MEMF SB 37	64	cfu/100ml	1.81	-0.34	84	0.01	0.35	N/A	185	1.92	1.91	0.06	0.10	MEMF SB 37
Enterococci (faecal streptococci)	GG	MEMF SB 37	38	cfu/100ml	1.58	-0.98	84	0.01	0.35	N/A	185	1.92	1.91	0.06	0.10	MEMF SB 37

Analyte	Analyst	Method	Result	Units	Log <sub>10</sub>	Z Score	Assigned Value	Ux AV	SDPA	Exp.SDPA	Number of results	Median	Mean	Robust SD	SD	Your Reference
Enterococci (faecal streptococci)	RL	MEMF SB 37	55	cfu/100ml	1.74	-0.53	84	0.01	0.35	N/A	185	1.92	1.91	0.06	0.10	MEMF SB 37