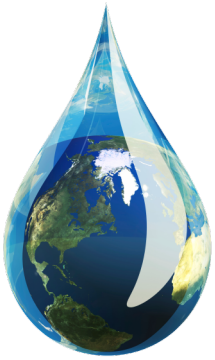
# Food Microbiology (QMS) Individual Report

## MC286 - (Round 286)

## MC0834 - ALLCHEM

Issue Number: 1

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**LGC Standards Proficiency Testing**
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## Sample Details

Samples were despatched: 03 February 2020

Reporting Deadline Date: 02 March 2020

The following samples were distributed in QMS Round 286:

| Sample | Matrix | Contents |
|---|---|---|
| 05F | 10g oatmeal | *Zygosaccharomyces rouxii* |
| 06D | 25g skimmed milk powder | *Salmonella* Senegal |
| 07F | 25g oatmeal | *Listeria monocytogenes* |
| 09F | 10g oatmeal | *Enterococcus faecalis* |
| | | *Enterococcus gallinarum* |
| 10F | 10g oatmeal | *Clostridium perfringens* |
| 13F | 25g oatmeal | *Vibrio parahaemolyticus* |
| 16D | 10g skimmed milk powder | *Staphylococcus epidermidis* |
| | | *Klebsiella oxytoca* |
| | | *Escherichia coli* |
| 16F | 10g oatmeal | *Staphylococcus epidermidis* |
| | | *Klebsiella oxytoca* |
| | | *Escherichia coli* |
| 17F | 10g oatmeal | *Staphylococcus aureus* |
| | | *Bacillus cereus* |
| 18F | 10g oatmeal | *Escherichia coli* |
| 20D | 10g skimmed milk powder | *Escherichia coli* |
| | | *Citrobacter koseri* |
| 21 | Lyophilised vial | *Campylobacter jejuni* |
| 23D | 10g skimmed milk powder | *Alternaria alternata* |
| 26D | 10g skimmed milk powder | *Pseudomonas aeruginosa* |
| 36A | Lyophilised vial with 10g | *Bacillus cereus* |
| | Skimmed milk powder | *Escherichia coli* |
| | | *Staphylococcus aureus* |
| | | *Rhodotorula mucilaginosa* |
| | | *Penicillium roquefortii* |
| 36B | Lyophilised vial with 10g | *Bacillus subtilis* |
| | Skimmed milk powder | *Staphylococcus aureus* |
| | | *Escherichia coli* |
| | | *Penicillium chrysogenum* |
| 37A | Lyophilised vial with 100g | *Salmonella* Panama |
| | Skimmed milk powder | *Listeria monocytogenes* |
| 37B | Lyophilised vial with 100g | *Escherichia coli* O157 (non-toxigenic strain) |
| | Skimmed milk powder | *Listeria grayi* |
| | | *Salmonella* Montevideo |
| 42 | Lyophilised vial with 25g | *Cronobacter sakazakii* |
| | Skimmed milk powder | |

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

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## 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.

## Results Summary

| Sample | Results Reported | Satisfactory Results | Questionable Results | Unsatisfactory Results | Not Assessed |
|---|---|---|---|---|---|
| PT-MC-16D | 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. 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.

Please note surplus PT sample are available as QC materials once the round has closed. 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 results in this round

No questionable results in this round

## 16D - Indicator Combination

| 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 | Lab Result | Other | 23000 | cfu/g | 4.36 | -0.37 | 31000 | 0.02 | 0.35 | N/A | 159 | 4.49 | 4.48 | 0.19 | 0.28 | Simplate |
| Coliforms | Lab Result | Other | 22000 | cfu/g | 4.34 | 0.43 | 15550 | 0.02 | 0.35 | N/A | 116 | 4.19 | 4.13 | 0.19 | 0.35 | Simplate |
| Escherichia coli | Lab Result | Other | 6000 | cfu/g | 3.78 | 0.50 | 4000 | 0.03 | 0.35 | N/A | 94 | 3.60 | 3.56 | 0.24 | 0.29 | Simplate |