



Mr Michael Client

Biotech Trading Consortium Limited

24 Hurworth St

Bowen Hills Qld 4006

Sample collected: 17/03/2021

Sample received: 17/03/2021 at 2:20:00 PM and held in laboratory at 1 °C - 5 °C before processing on: 18/03/2021 at 8:00:00 AM

Methods

* Signifies method modified by a single plate inoculation from each dilution. LOD = Limit of detection

Temperature on receipt: Chilled

Plate Count: AOAC Official Methods of Analysis 977.27. LOD Liquid sample = 5, Other samples 50.

*Enterobacteriaceae: Compendium of Methods for the Microbiological Examination of Foods. 5th Ed. 2015 Method 9.62. LOD Liquids = 1, Other samples = 10.

E. coli: In-house Method No. 158 based on AOAC Official Method 983.25. Modified by using TBX agar as per ISO 16649-1.

*Staphylococcus: AS 5013.12.1. Temperature of incubation: 35 °C. Three plate method using inoculation of 0.3mL, 0.3mL & 0.4mL of 1:10 dilution. LOD = 10.

*Bacillus cereus: AS 5013.2. LOD = 100. Note that Bacillus cereus positive results may be B. cereus or B. thuringiensis.

*Clostridium perfringens: - AS 5013.16. Confirmation by MS. LOD = 100.

Campylobacter: AS 5013.6. Confirmation may include MALDI-TOF.

Listeria monocytogenes: RAPID L mono method - BioRad Method: V12 - 02 - 09 - 14. Confirmation as per internal method.

Salmonella: RAPID Salmonella method - Short protocol - BioRad Method: V10-03-03-14. Confirmation of isolates may include forwarding to Qld Health Scientific Services.

Sample Identification: **Lamb Shanks, potato mash and peas - Shelf Life Day 1**

[Lab No.: 936567]

M Plate Count (3days @ 30 °C)	98,000	(MU: 56,000 to 170,000)) CFU/gram	AL: <10,000
M Enterobacteriaceae	200	(MU: 140 to 280)) CFU/gram	AL: <100
U Escherichia coli	110	(MU: 85 to 140)) MPN/gram	AL: <3
✓ Staphylococcus (coag positive)	30	(MU: 23 to 39)) CFU/gram	AL: <100
✓ Bacillus cereus	<100		CFU/gram	AL: <100
✓ Clostridium perfringens	<100		CFU/gram	AL: <100
P Campylobacter species	Detected		in 25 grams	AL: ND
✓ Listeria monocytogenes	Not Detected		in 25 grams	AL: ND
P Salmonella	Detected		in 25 grams	AL: ND

✓ = MU range results within Acceptable Limit **X** = MU range results exceeds Acceptable Limit **Analysis result and MU range results equal to or above limits are in red.**

MU = Measurement Uncertainty Range/Coverage factor=2. > greater than < less than CFU Colony Forming Units AL=Acceptable Limit ND=Not Detected
Where microbial count results, excluding MPN and filtration methods, are less than 15 times the minimum level of detection, the result is an estimate.

Please note: **Campylobacter coli** isolated. **Campylobacter jejuni** was not detected.

Guidelines for Result Interpretation - Sample Category: RTE - Foods where all components are cooked but there is minimal handling or storage before sale or consumption - Category 2a.

The four categories of microbiological assessment as per FSANZ Compendium of Microbiological Criteria for Food. Any interpretation is based on the actual result, not the Measurement of Uncertainty Range.

✓ = Satisfactory

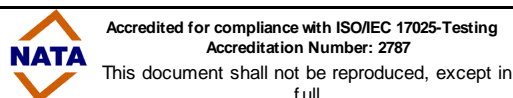
M = Marginal

U = Unsatisfactory

P = Potentially Hazardous

The food category listed above has been selected by the laboratory for all the samples on this report. Based on this categorisation the analyses performed may or may not have an acceptable limit displayed. Note that the Acceptable Limit is based on FSANZ Standards Code 1.6.1 "Schedule 27-Microbiological limits in food" and/or FSANZ "Compendium of Microbiological Criteria for Food (Sept 2018)". Unacceptable results may fall in the "Marginal", "Unsatisfactory" or "Potentially Hazardous" categories. In some cases the guidelines do require that multiple samples from a batch need to be analysed to evaluate acceptability. If the food category of this sample is incorrect contact the laboratory and the report will be re-issued. Note: Only Plate Counts of 3 days at 30 °C can be used to reference any FSANZ standard or guideline.

Note: Sample collection and identification was provided by the client. Results reported pertain only to the samples submitted and 'as received' at the time of testing only



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