

Reference Material and Inter-laboratory Quality Control Materials Product Summary

June 2017

Version: 1

Assigned Values: Values provided have been generated from an Inter-Laboratory Proficiency Programme (ILPP). The reference material values provided in this summary are the mean of the results after the exclusion of statistical outliers. The Assigned Range provided for the Inter-laboratory QC Materials is the range of test values available for purchase. Each Reference and QC Material comes with a Data Summary Sheet.

Missing Values and Available Tests: For Reference Materials where property values do not meet the statistical criteria, the summary values have not been provided. For this reason, not all tests will be available for every Reference Material of the same matrix. However, if there are 3 or more data points available, an Assigned Value will be provided with the corresponding QC material.

Sample Sizes: Available sample sizes are shown for reference materials.

Note: When ordering QC materials, please quote both the Product ID AND the process run

Reference Materials: Infant Formula - Stage 2 Infant Formula

| Matrix: Infant Formula | Product ID | 113-C-1 | 98-C-1 |
|------------------------------|--------------------------------|----------|----------|
| | Expiry Date | 7 Feb 19 | 9 Mar 19 |
| | Sample Size(s) | 150g/20g | 150g/20g |
| | A-Linolenic Acid (mg/100g) | 417 | |
| | Arachidonic Acid (mg/100g) | 50.7 | |
| | Calcium (mg/kg) | | 7021 |
| | Chloride (mg/kg) | | 5934 |
| | Copper (mg/kg) | | 3.76 |
| | Docosahexaenoic Acid (mg/100g) | 74.1 | |
| | Iodine (mg/kg) | | 1.63 |
| | Iron (mg/kg) | | 84.9 |
| | Linoleic Acid (mg/100g) | 3234 | |
| | Magnesium (mg/kg) | | 663 |
| | Manganese (mg/kg) | | 3.42 |
| | Moisture 102oC (%) | 2.05 | |
| | pH 10% solution (pH units) | 6.93 | |
| | Potassium (mg/kg) | | 7142 |
| | Protein (g/100g) | 16.6 | |

| | | | |
|--|------------------|--|-------|
| | Selenium (mg/kg) | | 0.264 |
| | Sodium (mg/kg) | | 2165 |

QC Material: Infant Formula - Stage 2 Infant Formula

| Matrix: Infant Formula | Product ID | 8226-QC | 7743-QC |
|------------------------------|--------------------------------|----------|----------|
| | Process Run | PR5633 | PR5494 |
| | Expiry Date | 7 Feb 19 | 9 Mar 19 |
| | Sample Size(s) | 150g/20g | 150g/20g |
| | Calcium (mg/kg) | | 6960 |
| | Chloride (mg/kg) | | 6000 |
| | Copper (mg/kg) | | 3.79 |
| | Iodine (mg/kg) | | 1.61 |
| | Iron (mg/kg) | | 86.4 |
| | Magnesium (mg/kg) | | 634 |
| | Manganese (mg/kg) | | 3.49 |
| | Phosphorus (mg/kg) | | 4653 |
| | Potassium (mg/kg) | | 7065 |
| | Selenium (mg/kg) | | 0.260 |
| | Sodium (mg/kg) | | 2094 |
| | Zinc (mg/kg) | | 46.7 |
| | Arachidonic Acid (mg/100g) | 51.2 | |
| | Ash (g/100g) | 3.34 | |
| | Docosahexaenoic Acid (mg/100g) | 74.1 | |
| | Fat (g/100g) | 22.9 | |
| | Linoleic Acid (mg/100g) | 3240 | |
| | A-Linolenic Acid (mg/100g) | 424 | |
| | Moisture 102oC (%) | 2.06 | |
| | Nucleotides (5-Mono) (mg/100g) | 25.6 | |
| | pH 10% solution (pH units) | 6.93 | |
| | Protein (g/100g) | 16.7 | |
| | Taurine (mg/100g) | 37.5 | |

Reference Materials: Infant Formula - Stage 3 Infant Formula

| Matrix: Infant Formula | Product ID | 114-C-1 |
|------------------------------|---------------------------------|-----------|
| | Expiry Date | 24 Nov 19 |
| | Sample Size(s) | 150g/20g |
| | Ascorbic Acid Vit C (mg /kg) | 1689 |
| | Cholecalciferol Vit D3 (mg/kg) | 0.113 |
| | Cyanocobalamin Vit B 12 (mg/kg) | 0.0365 |
| | Folic Acid (mg/kg) | 1.32 |
| | Niacinamide Vit B3 (mg /kg) | 74.9 |
| | Pantothenic Acid VitB5 (mg/kg) | 46.9 |
| | Phylloquinone Vit K1 (mg/kg) | 0.752 |
| | Pyridoxine Vit B6 (mg/ kg) | 4.42 |
| | Retinol eq. Vit A (mg/kg) | 8.07 |
| | Riboflavin Vit B2 (mg/ kg) | 13.8 |
| | Thiamine Vit B1 (mg/kg) | 8.73 |

QC Material: Infant Formula - Stage 3 Infant Formula

| Matrix: Infant Formula | Product ID | 8224-QC |
|------------------------------|---------------------------------|-----------|
| | Process Run | PR5704 |
| | Expiry Date | 24 Nov 19 |
| | Sample Size(s) | 150g/20g |
| | a-Tocopherol eq. Vit E (mg/kg) | 192 |
| | Ascorbic Acid Vit C (mg /kg) | 1695 |
| | Biotin (mg/kg) | 0.540 |
| | Cholecalciferol Vit D3 (mg/kg) | 0.114 |
| | Choline (mg/kg) | 1260 |
| | Cyanocobalamin Vit B 12 (mg/kg) | 0.0369 |
| | Folic Acid (mg/kg) | 1.31 |
| | Pantothenic Acid VitB5 (mg/kg) | 47.0 |
| | Phylloquinone Vit K1 (mg/kg) | 0.750 |
| | Pyridoxine Vit B6 (mg/ kg) | 4.47 |
| | Retinol eq. Vit A (mg/kg) | 8.02 |
| | Riboflavin Vit B2 (mg/ kg) | 13.8 |
| | Niacinamide Vit B3 (mg /kg) | 76.0 |