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## VitaFlo Comidamed Finished Product Specification

|                      |                             |
|----------------------|-----------------------------|
| <b>Product Name</b>  | PKU A FORMULA               |
| <b>Product Code</b>  | BK101193                    |
| <b>Document Code</b> | FPS_PKUAFORMULA_BK101193_V6 |

|                           |            |
|---------------------------|------------|
| <b>Intended Age Group</b> | From Birth |
|---------------------------|------------|

|                   |           |
|-------------------|-----------|
| <b>Shelf Life</b> | 24 months |
|-------------------|-----------|

|                   |               |
|-------------------|---------------|
| <b>Osmolality</b> | 339 mOsmol/kg |
| <b>Osmolarity</b> |               |

### Microbiological Specification

|   |          |       |
|---|----------|-------|
| <b>Total count</b>                      | <1000    | CFU/g |
| <b>Yeast</b>                            | <100     | CFU/g |
| <b>Mould</b>                            | <100     | CFU/g |
| <b>Enterobacteriaceae</b>               | negative | /100g |
| <b>E.coli</b>                           | negative | /1g   |
| <b>Salmonella</b>                       | negative | /750g |
| <b>Coagulase-positive staphylococci</b> | negative | /1g   |
| <b>Clostridi solf. rid.</b>             | <10      | CFU/g |
| <b>Bacillus cereus</b>                  | <500     | CFU/g |
| <b>Listeria monocytogenes</b>           | negative | /25g  |
| <b>Cr. sakazakii</b>                    | negative | /300g |

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| Parameter                  | Units /100g | Label Declaration /100g | PKU A formula per 100ml 13.5% |
|----------------------------|-------------|-------------------------|-------------------------------|
| energy (kcal)              | kcal        | 466                     | 63                            |
| energy (kJ)                | kJ          | 1953                    | 264                           |
| Fat                        | g           | 22                      | 3.0                           |
| of which saturates         | g           | 5.7                     | 0.8                           |
| of which mono-unsaturates  | g           | 11                      | 1.5                           |
| of which polyunsaturates   | g           | 3.9                     | 0.5                           |
| Linoleic Acid              | mg          | 3400                    | 459                           |
| Alpha Linolenic Acid       | mg          | 300                     | 41                            |
| Docosahexaenoic Acid (DHA) | mg          | 100                     | 13                            |
| Arachidonic Acid (AA)      | mg          | 85                      | 12                            |
| Carbohydrate               | g           | 55                      | 7.4                           |
| of which sugars            | g           | 17                      | 2.3                           |
| Lactose                    | g           | 14                      | 1.9                           |
| Protein Equivalent         | g           | 12                      | 1.6                           |
| Salt                       | g           | 0.38                    | 0.05                          |
| Vitamin A                  | ug          | 555                     | 74.9                          |
| Vitamin D                  | ug          | 10                      | 1.4                           |
| Vitamin E                  | mg          | 8.6                     | 1.2                           |
| Vitamin K                  | ug          | 23                      | 3.1                           |
| Vitamin C                  | mg          | 88                      | 12                            |
| Thiamin (B1)               | mg          | 0.44                    | 0.06                          |
| Riboflavin                 | mg          | 0.89                    | 0.12                          |
| Niacin                     | mg          | 4.5                     | 0.61                          |
| Vitamin B6                 | mg          | 0.55                    | 0.07                          |
| Folic Acid                 | ug          | 83                      | 11.2                          |
| Folate                     | ug          | 139                     | 18.8                          |
| Vitamin B12                | ug          | 1.1                     | 0.15                          |
| Biotin                     | ug          | 11                      | 1.5                           |
| Pantothenic Acid           | mg          | 3.9                     | 0.53                          |
| Sodium                     | mg          | 151                     | 20                            |
| Potassium                  | mg          | 472                     | 63.7                          |
| Chloride                   | mg          | 377                     | 50.9                          |
| Calcium                    | mg          | 464                     | 62.6                          |
| Phosphorus                 | mg          | 280                     | 37.8                          |
| Magnesium                  | mg          | 65                      | 8.8                           |
| Iron                       | mg          | 6.0                     | 0.8                           |
| Zinc                       | mg          | 4.6                     | 0.6                           |
| Copper                     | mg          | 0.40                    | 0.05                          |
| Manganese                  | mg          | 0.23                    | 0.03                          |
| Selenium                   | ug          | 24                      | 3.2                           |

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| Parameter       | Units /100g | Label Declaration /100g | PKU A formula per 100ml 13.5% |
|-----------------|-------------|-------------------------|-------------------------------|
| Chromium        | ug          | 9.3                     | 1.3                           |
| Molybdenum      | ug          | 12                      | 1.6                           |
| Iodine          | ug          | 90                      | 12.2                          |
| Taurine         | mg          | 35                      | 4.7                           |
| L-Carnitine     | mg          | 26                      | 3.5                           |
| Choline         | mg          | 124                     | 17                            |
| Inositol        | mg          | 100                     | 13                            |
| Amino Acids     | g           | 14                      | 1.9                           |
| L-Alanine       | g           | 0.70                    | 0.09                          |
| L-Arginine      | g           | 0.76                    | 0.10                          |
| L-Aspartic Acid | g           | 0.90                    | 0.12                          |
| L-Cystine       | g           | 0.38                    | 0.05                          |
| L-Glutamine     | g           | 0.34                    | 0.05                          |
| L-Glutamic Acid | g           | 1.36                    | 0.18                          |
| Glycine         | g           | 0.66                    | 0.09                          |
| L-Histidine     | g           | 0.41                    | 0.06                          |
| L-Isoleucine    | g           | 0.81                    | 0.11                          |
| L-Leucine       | g           | 1.33                    | 0.18                          |
| L-Lysine        | g           | 1.15                    | 0.16                          |
| L-Methionine    | g           | 0.28                    | 0.04                          |
| L-Proline       | g           | 1.13                    | 0.15                          |
| L-Serine        | g           | 0.88                    | 0.12                          |
| L-Threonine     | g           | 0.79                    | 0.11                          |
| L-Tryptophan    | g           | 0.29                    | 0.04                          |
| L-Tyrosine      | g           | 1.25                    | 0.17                          |
| L-Valine        | g           | 0.79                    | 0.11                          |
|                 |             |                         |                               |

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**Ingredient Declaration**

Dried Glucose Syrup, Vegetable Oil (High Oleic Sunflower Oil, Coconut Oil, Rapeseed Oil, Sunflower Oil), Lactose (**Milk**), Starch, L-Lysine L-Glutamate, L-Arginine L-Aspartate, L-Leucine, L-Tyrosine, Di Calcium Phosphate, L-Proline, L-Serine, L-Isoleucine, L-Valine, L-Threonine, L-Alanine, L-Lysine L-Aspartate, Glycine, Potassium Chloride, Glucose Syrup, L-Glutamic Acid, Calcium Citrate, Emulsifiers (E472c, E471), L-Histidine, Trisodium Citrate, L-Cystine, L-Glutamine, Tripotassium Citrate, Choline Bitartrate, Vitamins (A, D, E, K, C, B1, B2, Nicotinamide, B6, Folic Acid, Pantothenic Acid, B12, Biotin), L-Tryptophan, Magnesium Carbonate, L-Methionine, Oil from Schizochytrium sp., Oil from Mortierella alpina, Thickener (E1450), Inositol, Sodium Chloride, Antioxidants (E301, E340, E306, E304, E330), L-Carnitine L-Tartrate, Taurine, Ferrous Sulphate, Zinc Sulphate, Copper Sulphate, Manganese Sulphate, Potassium Iodide, Sodium Selenite, Chromium Chloride, Sodium Molybdate.