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TEST REPORT

REPORT NO.: 23-2-27905

CHEMICAL ANALYTICAL REPORT

Date of Report: 23 rd. February 2023

Sample Type: Aqua

Sample Reference: THHG INC.

THHG INC
2665 Bayshore Dr suite 220
Coconut Grove Florida
33133
Email: thhglmr@gmail.com

For the attention of : THHG INC

TEST REPORT

REPORT NO.: 23-02-27905

Amino Acids Profile Analysis

| Test | Units | Methodology | Method Ref. | Result per 100g. | Result per gram. |
|---------------|----------|------------------------|--------------|------------------|------------------|
| Threonine | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 736 | - |
| Valine | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 761 | - |
| Iso-Leucine | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 1,268 | - |
| Leucine | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 497 | - |
| Phenylalanine | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 348 | |
| Histidine | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 267 | - |
| Lysine | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 1,992 | - |
| Methionine | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 247 | - |
| Tyrosine | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 216 | - |
| Arginine | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 857 | |
| Cysteine | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 800 | |
| Proline | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 345 | |
| Glycine | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 621 | |
| Aspartic acid | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 1,406 | |
| Serine | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 322 | |
| Glutamic acid | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 1,333 | |
| Alanine | mg/100g. | Reverse-Phase HPLC-PDA | JHG Internal | 1,454 | |

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Nutritional Analytical Data

| Test | Units | Methodology | Method Ref. | Result per 100g. | Result per gram. |
|-----------------|-----------|---------------------------|---------------|------------------|------------------|
| Protein Content | g/100g. | Kjeldahl Distil/Digestion | ISO 20483 | 13.350 | - |
| Fat Content | g/100g. | Soxhlet Distillation | ISO 659 | 1.880 | - |
| Saturates | g/100g. | HPLC-PDA | ISO 5508 | 0.750 | - |
| Monunsaturates | g/100g. | HPLC-PDA | ISO 5508 | 0.150 | - |
| Polyunsaturates | g/100g. | HPLC-PDA | ISO 5508 | 0.980 | - |
| Trans Fats | g/100g. | HPLC-PDA | ISO 5508 | < 0.002 | - |
| Carbohydrates | g/100g. | HPLC-PDA | ISO 11292 | 22.600 | - |
| Sugars | g/100g. | HPLC-PDA | ISO 11292 | 3.550 | - |
| Ash Content | g/100g. | Muffle Furnace | ISO 735 | 11.815 | - |
| Fibre Content | g/100g. | Digestion/Distillation | ISO 5498 | 4.950 | - |
| Sodium Content | mg/100g. | ICP-OES | ISO 15648 | 371 | - |
| Salt Content | g/100g. | ICP-OES | ISO 15648 | 0.927 | - |
| Omega-3-Oils | g/100g. | HPLC-PDA | ISO 5508 | 0.400 | - |
| Omega-6-Oils | g/100g. | HPLC-PDA | ISO 5508 | 0.580 | - |
| Omega-9-Oils | g/100g. | HPLC-PDA | ISO 5508 | < 0.02 | - |
| Energy Kcal. | Kcal/100g | Bomb Calorimetry. | Internal Lab. | 233 Kcal. | - |
| Energy KJ. | KJ/100g. | Bomb Calorimetry. | Internal Lab. | 978 KJ. | - |

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Flavonoids Profile Analysis

| Test | Units | Methodology | Method Ref. | Result per g. | Result per gram. |
|--------------|-------|------------------------|--------------|---------------|------------------|
| Rutin | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 466 | - |
| Caffeic acid | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 67 | - |
| Catechol | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 1,241 | - |
| Hesperidine | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 1,678 | - |
| Quercetin | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 371 | - |
| Myricetin | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 262 | - |
| Morin | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 702 | - |

Vitamin Profile Analysis

| Test | Units | Methodology | Method Ref. | Result per g. | Result per gram. |
|--------------|-------|------------------------|--------------|---------------|------------------|
| Vitamin A. | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 65.9 | - |
| Vitamin B1. | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 376 | - |
| Vitamin B2. | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 602 | - |
| Vitamin B3. | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 121 | - |
| Vitamin B5. | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 571 | - |
| Vitamin B9. | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 189 | - |
| Vitamin B12. | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 702 | - |
| Vitamin C. | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 1,745 | - |
| Vitamin E. | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 171 | - |
| Vitamin K. | µg/g. | Reverse-Phase HPLC-PDA | JHG Internal | 310 | - |

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Macronutrients Analysis

| Test | Method of Analysis | Method Reference | Units | Reported Results |
|------------------|--------------------|------------------|----------|------------------|
| Magnesium as Mg. | ICP-OES | APHA 3500 | % weight | 5.995 |
| Calcium as Ca. | ICP-OES | APHA 3500 | % weight | 5.225 |
| Sodium as Na. | ICP-OES | APHA 3500 | % weight | 1.560 |
| Manganese as Mn. | ICP-OES | APHA 3500 | mg/kg. | 15.500 |
| Zinc as Zn. | ICP-OES | APHA 3500 | mg/kg. | 12.400 |
| Copper as Cu | ICP-OES | APHA 3500 | mg/kg. | 2.985 |
| Potassium as K. | ICP-OES | APHA 3500 | % weight | 2.230 |

Micronutrients Analysis

| Test | Method of Analysis | Units of Measurement | Reported Results |
|-------------------|--------------------|----------------------|------------------|
| Selenium as Se. | ICP/IC-OES | mg/kg. | 0.009 |
| Molybdenum as Mo. | ICP-OES | mg/kg. | 0.012 |
| Boron as B. | ICP-OES | mg/kg. | < 0.002 |
| Iron as Fe. | ICP-OES | mg/kg. | 128 |
| Cobalt as Co. | ICP-OES | mg/kg. | 0.025 |
| Phosphorus as P. | Spectrophotometric | mg/kg. | 19.125 |

John Gough BSc. MSc.

_____ Technical Signatory.

Dated: 23rd.February 2023