

Eurofins Sample Code: 464-2019-10280602
Sample Description: Iron Free Lot#909048 ss=1 capsule
Client Sample Code: New Sample
PO Number: Lot#909048
Client Code: QD0007527

Entry Date: 10/28/2019
Reporting Date: 11/08/2019

ProCare Health
 Attn: Mr Nick Wiegand
 205 Stag Industrial Blvd.
 Lake St. Louis, MO 63367

Sample Reference: Lot#909048

CERTIFICATE OF ANALYSIS

AR-19-QD-184479-01

| Test | As Is Basis | Per Serving | Theoretical Level |
|---|-----------------|------------------|------------------------------|
| QD273 - Serving Size by Content Weight | | | Completed: 10/29/2019 |
| calculation | | | |
| Content Weight | 0.8634 g | 0.8634 g | |
| Units per Serving | 1 | 1 | 1 |
| Serving Size | 0.86 g | 0.86 g | 1 capsule/serving |
| QD058 - Copper by ICP | | | Completed: 10/31/2019 |
| AOAC 984.27, 927.02, 985.01, 965.17 mod | | | |
| * Copper | 2,600 ppm | 2.3 mg/Serving | 2 mg/serving |
| QD115 - Magnesium by ICP | | | Completed: 10/31/2019 |
| AOAC 984.27, 927.02, 985.01, 965.17 mod | | | |
| * Magnesium | 11,000 mg/100 g | 97 mg/Serving | 100 mg/serving |
| QD117 - Manganese by ICP | | | Completed: 10/31/2019 |
| AOAC 984.27, 927.02, 985.01, 965.17 mod | | | |
| * Manganese | 3,020.2 ppm | 2.6 mg/Serving | 2 mg/serving |
| QD249 - Zinc by ICP | | | Completed: 10/31/2019 |
| AOAC 984.27, 927.02, 985.01, 965.17 mod | | | |
| * Zinc | 2,000 mg/100 g | 17 mg/Serving | 16 mg/serving |
| QA0A4 - Iodine (ICP-MS) | | | Completed: 11/08/2019 |
| AOAC 2012.15 | | | |
| Iodine (I) | 31.0 mg/100 g | 0.268 mg/Serving | |
| QD0K2 - Chromium (Mwd-ICP-MS) | | | Completed: 10/30/2019 |
| AOAC 2011.19 mod. | | | |
| * Chromium (Cr) | 157 ppm | 0.135 mg/Serving | |
| QD0K1 - Molybdenum (Mwd-ICP-MS) | | | Completed: 10/30/2019 |
| AOAC 2011.19 mod. | | | |
| * Molybdenum | 156 ppm | 0.135 mg/Serving | |

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| QD0K0 - Selenium (Mwd-ICP-MS) Completed: 10/30/2019 | | | |
| AOAC 2011.19 mod. | | | |
| * Selenium (Se) | 166 ppm | 0.143 mg/Serving | |
| QQ182 - Total Vitamin A Completed: 11/01/2019 | | | |
| AOAC 974.29 Mod. | | | |
| * β -carotene | 113,000 IU/100 g | 978 IU/Serving | n/a iu/serving |
| * Retinol | 1,250,000 IU/100 g | 10,800 IU/Serving | n/a iu/serving |
| * Total Vitamin A | 1,360,000 IU/100 g | 11,800 IU/Serving | 10,000 iu/serving |
| QQ023 - Biotin (USP) Completed: 10/31/2019 | | | |
| USP | | | |
| Biotin-USP | 76,200 μ g/100 g | 658 μ g/Serving | 600 μ g/serving |
| QQ060 - Folic Acid (USP) Completed: 11/07/2019 | | | |
| USP | | | |
| Folic Acid - USP | 106,000 μ g/100 g | 911 μ g/Serving | 800 μ g/serving |
| QQ086 - Vitamin B3 - Niacin (USP) Completed: 11/04/2019 | | | |
| USP | | | |
| Niacin - USP | 245 mg/100 g | 2.11 mg/Serving | n/a mg/serving |
| Niacinamide - USP | 5,300 mg/100 g | 45.7 mg/Serving | 40 mg/serving |
| QQ157 - Vit B5 Pantothenic Acid (USP) Completed: 10/31/2019 | | | |
| USP | | | |
| Pantothenic acid - USP | 2,290 mg/100 g | 19.7 mg/Serving | 20 mg/serving |
| QQ150 - Vitamin B1-Thiamine HCl (USP) Completed: 11/04/2019 | | | |
| USP | | | |
| Vitamin B1 - Thiamine Hydrochloride - USP | 3,170 mg/100 g | 27.4 mg/Serving | 20 mg/serving |
| QQ155 - Vitamin B2 - Riboflavin (USP) Completed: 11/04/2019 | | | |
| USP | | | |
| Vitamin B2 - Riboflavin - USP | 1,490 mg/100 g | 12.9 mg/Serving | 12 mg/serving |
| QQ159 - Vitamin B6 - Pyridoxine (USP) Completed: 11/04/2019 | | | |
| USP | | | |
| Vitamin B6 (pyridoxine) - USP | 1,470 mg/100 g | 12.7 mg/Serving | 12 mg/serving |
| QQ160 - Vitamin C - Ascorbic Acid - AOAC Completed: 10/30/2019 | | | |
| AOAC 967.22 mod. | | | |
| * Vitamin C - Ascorbic Acid | 15,700 mg/100 g | 136 mg/Serving | 130 mg/serving |
| QD0EK - Vitamin D (LC-MS/MS) Completed: 11/06/2019 | | | |
| Huang et al., Rapid Commun. Mass Spectrum 2014, 28 | | | |
| * Total Vitamin D2 and D3 | 391,000 IU/100 g | 3,380 IU/Serving | 3,000 iu/serving |
| * Vitamin D2 | <98.5 IU/100 g | <0.851 IU/Serving | n/a iu/serving |
| * Vitamin D3 | 391,000 IU/100 g | 3,380 IU/Serving | n/a iu/serving |
| QD0GI - Vitamin E - Tocopherol Profile Completed: 11/03/2019 | | | |
| AOAC 971.30 with HPLC quantification mod. | | | |

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| QDOGI - Vitamin E - Tocopherol Profile | | Completed: 11/03/2019 | |
| AOAC 971.30 with HPLC quantification mod. | | | |
| * Vitamin E Profile | Reported As | Reported As | |
| | D-Tocopherol mg/100 g | D-Tocopherol mg/100 g | |
| * Alpha- Tocopherol | 5,300 mg/100 g | 45.8 mg/Serving | |
| * Beta-Tocopherol | 7.96 mg/100 g | 0.0687 mg/Serving | |
| * Gamma-Tocopherol | 19.6 mg/100 g | 0.169 mg/Serving | |
| * Delta-Tocopherol | 6.08 mg/100 g | 0.0525 mg/Serving | |
| * Total Tocopherols | 5,330 mg/100 g | 46.1 mg/Serving | |
| KK796 - Vitamin B12 - Methylcobalamin by HPLC | | Completed: 11/07/2019 | |
| Internal Method | | | |
| Methylcobalamin | 0.0954 % (w/w) | 0.000824 g/Serving | |
| YI001 - Vitamin K Profile Detection | | Completed: 11/08/2019 | |
| AOAC 999.15, mod. | | | |
| Phylloquinone (Vitamin K1) | 81.9 µg/g | 70.71246 µg/Serving | |
| Menaquinone-4 (MK-4)(Vitamin K2) | ND µg/g | ND µg/g | |
| <i>ND = Not Detected</i> | | | |
| trans-Menaquinone-7 (MK-7)(Vitamin K2) | ND µg/g | ND µg/g | |
| <i>ND = Not Detected</i> | | | |

*The test result is covered by our current A2LA accreditation.

Respectfully Submitted,
Eurofins Scientific Inc.



Joshua Daniels

Supervisor

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 Biological Testing
Cert:3329:01

 Chemical Testing
Cert:2927:01