

Eurofins Sample Code: 464-2019-05130555
Sample Description: 904023 18MG of Iron 30ct & 90ct ss=1 capsule
Client Sample Code: New Sample
PO Number: 904023
Client Code: QD0007527

Entry Date: 05/13/2019
Reporting Date: 06/29/2019

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

Sample Reference: 904023

CERTIFICATE OF ANALYSIS

AR-19-QD-095219-01

Test	As Is Basis	Per Serving	Theoretical Level
QD273 - Serving Size by Content Weight			Completed: 05/20/2019
calculation			
Content Weight	0.8519 g	0.8519 g	
Units per Serving	1	1	1
Serving Size	0.85 g	0.85 g	1 capsule/serving
QD058 - Copper by ICP			Completed: 05/20/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Copper	276 mg/100 g	2.35 mg/Serving	2 mg/serving
QD107 - Iron by ICP			Completed: 05/20/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Iron	2,180 mg/100 g	18.5 mg/Serving	18 mg/serving
QD115 - Magnesium by ICP			Completed: 05/20/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Magnesium	12,100 mg/100 g	103 mg/Serving	100 mg/serving
QD117 - Manganese by ICP			Completed: 05/20/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Manganese	309 mg/100 g	2.63 mg/Serving	2 mg/serving
QD249 - Zinc by ICP			Completed: 05/20/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Zinc	1,900 mg/100 g	16.2 mg/Serving	16 mg/serving
QA0A4 - Iodine (ICP-MS)			Completed: 05/21/2019
AOAC 2012.15			
Iodine (I)	23.9 mg/100 g	0.204 mg/Serving	
QQ182 - Total Vitamin A			Completed: 05/22/2019
AOAC 974.29 Mod.			
* β-carotene	111,000 IU/100 g	947 IU/Serving	n/a iu/serving

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QQ182 - Total Vitamin A (Cont.) Completed: 05/22/2019			
AOAC 974.29 Mod.			
* Retinol	1,190,000 IU/100 g	10,100 IU/Serving	n/a iu/serving
* Total Vitamin A	1,300,000 IU/100 g	11,100 IU/Serving	10,000 iu/serving
QQ023 - Biotin (USP) Completed: 05/21/2019			
USP			
Biotin-USP	53,200 µg/100 g	453 µg/Serving	600 µg/serving
QQ060 - Folic Acid (USP) Completed: 05/21/2019			
USP			
Folic Acid - USP	107,000 µg/100 g	908 µg/Serving	800 µg/serving
QQ086 - Vitamin B3 - Niacin (USP) Completed: 05/21/2019			
USP			
Niacin - USP	44,100 µg/100 g	376 µg/Serving	n/a µg/serving
Niacinamide - USP	5,350,000 µg/100 g	45,600 µg/Serving	40 µg/serving
QQ157 - Vit B5 Pantothenic Acid (USP) Completed: 05/21/2019			
USP			
Pantothenic acid - USP	2,620 mg/100 g	22.3 mg/Serving	20 mg/serving
QQ150 - Vitamin B1-Thiamine HCl (USP) Completed: 05/21/2019			
USP			
Vitamin B1 - Thiamine Hydrochloride - USP	3,030 mg/100 g	25.8 mg/Serving	20 mg/serving
QQ155 - Vitamin B2 - Riboflavin (USP) Completed: 05/21/2019			
USP			
Vitamin B2 - Riboflavin - USP	1,480 mg/100 g	12.6 mg/Serving	12 mg/serving
QQ159 - Vitamin B6 - Pyridoxine (USP) Completed: 05/21/2019			
USP			
Vitamin B6 (pyridoxine) - USP	1,550 mg/100 g	13.2 mg/Serving	12 mg/serving
QQ160 - Vitamin C - Ascorbic Acid - AOAC Completed: 05/20/2019			
AOAC 967.22 mod.			
* Vitamin C - Ascorbic Acid	12,900 mg/100 g	110 mg/Serving	130 mg/serving
QD0EK - Vitamin D (LC-MS/MS) Completed: 05/28/2019			
Huang et al., Rapid Commun. Mass Spectrum 2014, 28			
* Total Vitamin D2 and D3	412,000 IU/100 g	3,510 IU/Serving	3,000 iu/serving
* Vitamin D2	<97.0 IU/100 g	<0.827 IU/Serving	n/a iu/serving
* Vitamin D3	412,000 IU/100 g	3,510 IU/Serving	n/a iu/serving
QD0GI - Vitamin E Completed: 06/28/2019			
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	5,070 mg/100 g	43.2 mg/Serving	
* Beta-Tocopherol	24.7 mg/100 g	0.210 mg/Serving	
* Gamma-Tocopherol	6.75 mg/100 g	0.0575 mg/Serving	
* Delta-Tocopherol	<4.92 mg/100 g	<0.0420 mg/Serving	

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QD0GI - Vitamin E (Cont.) Completed: 06/28/2019			
AOAC 971.30 with HPLC quantification mod.			
* Total Tocopherols	5,100 mg/100 g	43.5 mg/Serving	
QD0K2 - Chromium (Mwd-ICP-MS) Completed: 05/20/2019			
AOAC 2011.19 mod.			
* Chromium (Cr)	183 ppm	0.156 mg/Serving	
QD0K1 - Molybdenum (Mwd-ICP-MS) Completed: 05/20/2019			
AOAC 2011.19 mod.			
* Molybdenum	153 ppm	0.130 mg/Serving	
QD0K0 - Selenium (Mwd-ICP-MS) Completed: 05/20/2019			
AOAC 2011.19 mod.			
* Selenium (Se)	206 ppm	0.175 mg/Serving	
KK796 - Vitamin B12 - Methylcobalamin by HPLC Completed: 05/31/2019			
Internal Method			
Methylcobalamin	0.123 % (w/w)	0.00105 g/Serving	
YI001 - Vitamin K Profile - K1, MK4, MK7 (UV Detection) Completed: 05/24/2019			
AOAC 999.15, mod.			
Phylloquinone (Vitamin K1)	144 µg/g	122.7 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.

Comments Sample capsules appear to have opened during shipment; contents of capsules contained in plastic ziplock storage bag along with capsule shells. Product content (fill) weight could not be determined.

Respectfully Submitted,
Eurofins Scientific Inc.



David Gross

Support Services Manager

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Biological Testing
Cert:3329:01



Chemical Testing
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