

Eurofins Sample Code: 464-2018-12030443
Sample Description: 18MG of Iron ss=1 capsule
Client Sample Code: Lot809055
PO Number: 12-03-18
Client Code: QD0007527

Entry Date: 12/03/2018
Reporting Date: 01/07/2019

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

CERTIFICATE OF ANALYSIS

AR-19-QD-002536-01

Test	As Is Basis	Per Serving	Theoretical Level
QD273 - Serving Size by Content Weight			Completed: 12/07/2018
calculation			
Content Weight	0.8342 g	0.8342 g	
Units per Serving	1	1	1
Serving Size	0.83 g	0.83 g	1 capsule/serving
QD058 - Copper by ICP			Completed: 12/13/2018
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Copper	260 mg/100 g	2.2 mg/Serving	2 mg/serving
QD107 - Iron by ICP			Completed: 12/13/2018
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Iron	2,200 mg/100 g	18 mg/Serving	18 mg/serving
QD115 - Magnesium by ICP			Completed: 12/13/2018
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Magnesium	12,000 mg/100 g	99 mg/Serving	100 mg/serving
QD117 - Manganese by ICP			Completed: 12/13/2018
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Manganese	310 mg/100 g	2.6 mg/Serving	2 mg/serving
QD249 - Zinc by ICP			Completed: 12/13/2018
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Zinc	1,810 mg/100 g	15.1 mg/Serving	15 mg/serving
QA0A4 - Iodine (ICP-MS)			Completed: 12/17/2018
AOAC 2012.15			
Iodine (I)	23.2 mg/100 g	0.194 mg/Serving	
QQ182 - Total Vitamin A			Completed: 01/07/2019
AOAC 974.29 Mod.			
* β-carotene	84,300 IU/100 g	703 IU/Serving	n/a iu/serving
* Retinol	1,280,000 IU/100 g	10,700 IU/Serving	n/a iu/serving

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QQ182 - Total Vitamin A (Cont.) Completed: 01/07/2019			
AOAC 974.29 Mod.			
* Total Vitamin A	1,360,000 IU/100 g	11,400 IU/Serving	10,000 iu/serving
QQ023 - Biotin (USP) Completed: 12/18/2018			
USP			
Biotin-USP	95,400 µg/100 g	796 µg/Serving	600 µg/serving
QQ060 - Folic Acid (USP) Completed: 12/19/2018			
USP			
Folic Acid - USP	111,000 µg/100 g	928 µg/Serving	800 µg/serving
QQ086 - Vitamin B3 - Niacin (USP) Completed: 12/20/2018			
USP			
Niacin - USP	26,800 µg/100 g	224 µg/Serving	n/a µg/serving
Niacinamide - USP	5,390,000 µg/100 g	44,900 µg/Serving	40 µg/serving
QQ157 - Vit B5 Pantothenic Acid (USP) Completed: 12/19/2018			
USP			
Pantothenic acid - USP	2,770 mg/100 g	23.1 mg/Serving	20 mg/serving
QQ149 - Vitamin B1-Thiamine HCl (AOAC mod., Most Matrices) Completed: 01/02/2019			
AOAC 942.23 mod.			
* Vitamin B1 - Thiamine Hydrochloride	2,150 mg/100 g	17.9 mg/Serving	
QQ155 - Vitamin B2 - Riboflavin (USP) Completed: 12/20/2018			
USP			
Vitamin B2 - Riboflavin - USP	1,560 mg/100 g	13.0 mg/Serving	12 mg/serving
QQ159 - Vitamin B6 - Pyridoxine (USP) Completed: 12/20/2018			
USP			
Vitamin B6 (pyridoxine) - USP	1,510 mg/100 g	12.6 mg/Serving	12 mg/serving
QQ160 - Vitamin C - Ascorbic Acid - AOAC Completed: 12/19/2018			
AOAC 967.22 mod.			
* Vitamin C - Ascorbic Acid	17,400 mg/100 g	145 mg/Serving	130 mg/serving
QD0EK - Vitamin D (LC-MS/MS) Completed: 12/18/2018			
Huang et al., Rapid Commun. Mass Spectrum 2014, 28			
* Total Vitamin D2 and D3	446,000 IU/100 g	3,720 IU/Serving	3,000 iu/serving
* Vitamin D2	<98.3 IU/100 g	<0.821 IU/Serving	n/a iu/serving
* Vitamin D3	446,000 IU/100 g	3,720 IU/Serving	n/a iu/serving
QD0GI - Vitamin E Completed: 12/13/2018			
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	5,520 mg/100 g	46.0 mg/Serving	
* Beta-Tocopherol	11.2 mg/100 g	0.0934 mg/Serving	
* Gamma-Tocopherol	35.3 mg/100 g	0.294 mg/Serving	
* Delta-Tocopherol	<9.74 mg/100 g	<0.0813 mg/Serving	
* Total Tocopherols	5,570 mg/100 g	46.4 mg/Serving	

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QD0K2 - Chromium (Mwd-ICP-MS) Completed: 12/20/2018			
AOAC 2011.19 mod. * Chromium (Cr)	202 ppm	0.169 mg/Serving	
QD0K1 - Molybdenum (Mwd-ICP-MS) Completed: 12/20/2018			
AOAC 2011.19 mod. * Molybdenum	144 ppm	0.120 mg/Serving	
QD0K0 - Selenium (Mwd-ICP-MS) Completed: 12/20/2018			
AOAC 2011.19 mod. * Selenium (Se)	200 ppm	0.167 mg/Serving	
KK764 - Vitamin B12 - Methylcobalamin >1mg/g Completed: 12/15/2018			
Japanese Pharmacopeia Hydroxocobalamin	UTD	UTD	
<i>UTD= Unable to determine due to interference.</i>			
Methylcobalamin <i>Matrix Interference.</i>	<0.04 % (w/w)	<0.000334 g/Serving	1,000mcg % (w/w)
YI001 - Vitamin K Profile - K1, MK4, MK7 (UV Detection) Completed: 12/20/2018			
AOAC 999.15, mod.			
Menaquinone-4 (MK-4)(Vitamin K2)	ND µg/g	ND µg/g	
Menaquinone-7 (MK-7)(Vitamin K2)	ND µg/g	ND µg/g	
Phylloquinone (Vitamin K1)	69.4 µg/g	57.9 µg/Serving	

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

Comments ND= Not Detected.

Respectfully Submitted,
Eurofins Scientific Inc.



John Jordan
Manager



Biological Testing
Cert:3329:01



Chemical Testing
Cert:2927:01

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