

Eurofins Sample Code: 464-2019-08100318
Sample Description: 45MG of Iron SPECIALS Lot #904048
Client Sample Code: 45MG of Iron SPECIALS Lot #904048
PO Number: 45MG of Iron SPECIALS Lot #904048
Client Code: QD0007527

Entry Date: 08/10/2019
Reporting Date: 08/23/2019

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

CERTIFICATE OF ANALYSIS

AR-19-QD-131414-01

Test	As Is Basis	Per Serving	Theoretical Level
QD273 - Serving Size by Content Weight			Completed: 08/20/2019
calculation			
Content Weight	0.8405 g	0.8405 g	
Units per Serving	1	1	1
Serving Size	0.84 g	0.84 g	
QD058 - Copper by ICP			Completed: 08/13/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Copper	270 mg/100 g	2.2 mg/Serving	2 mg/serving
QD107 - Iron by ICP			Completed: 08/14/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Iron	5,110 mg/100 g	43.0 mg/Serving	45 mg/serving
QD115 - Magnesium by ICP			Completed: 08/14/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Magnesium	12,300 mg/100 g	103 mg/Serving	100 mg/serving
QD117 - Manganese by ICP			Completed: 08/14/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Manganese	340 mg/100 g	2.86 mg/Serving	2 mg/serving
QD249 - Zinc by ICP			Completed: 08/13/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Zinc	1,880 mg/100 g	15.8 mg/Serving	15 mg/serving
QA0A4 - Iodine (ICP-MS)			Completed: 08/20/2019
AOAC 2012.15			
Iodine (I)	24.0 mg/100 g	0.202 mg/Serving	
QQ182 - Total Vitamin A			Completed: 08/19/2019
AOAC 974.29 Mod.			
* β-carotene	84,100 IU/100 g	707 IU/Serving	n/a iu/serving
* Retinol	1,080,000 IU/100 g	9,090 IU/Serving	n/a iu/serving

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QQ182 - Total Vitamin A (Cont.) Completed: 08/19/2019			
AOAC 974.29 Mod.			
* Total Vitamin A	1,160,000 IU/100 g	9,780 IU/Serving	10,000 iu/serving
QQ023 - Biotin (USP) Completed: 08/16/2019			
USP			
Biotin-USP	33,600 µg/100 g	283 µg/Serving	600 µg/serving
QQ059 - Total Folate (AOAC, levels < 12.5 mg/100g) Completed: 08/22/2019			
AOAC 992.05 mod.			
* Total Folate as Folic Acid	58.9 mg/100 g	0.495 mg/Serving	800 µg/serving
QQ086 - Vitamin B3 - Niacin (USP) Completed: 08/14/2019			
USP			
Niacin - USP	<3.558 mg/g	<3.00 mg/Serving	n/a mg/serving
Niacinamide - USP	5,230 mg/100 g	44.0 mg/Serving	40 mg/serving
QQ157 - Vit B5 Pantothenic Acid (USP) Completed: 08/15/2019			
USP			
Pantothenic acid - USP	2,450 mg/100 g	20.6 mg/Serving	20 mg/serving
QQ150 - Vitamin B1-Thiamine HCl (USP) Completed: 08/13/2019			
USP			
Vitamin B1 - Thiamine Hydrochloride - USP	3,000 mg/100 g	25.2 mg/Serving	20 mg/serving
QQ155 - Vitamin B2 - Riboflavin (USP) Completed: 08/13/2019			
USP			
Vitamin B2 - Riboflavin - USP	1,620 mg/100 g	13.6 mg/Serving	12 mg/serving
QQ159 - Vitamin B6 - Pyridoxine (USP) Completed: 08/13/2019			
USP			
Vitamin B6 (pyridoxine) - USP	1,500 mg/100 g	12.6 mg/Serving	12 mg/serving
QQ160 - Vitamin C - Ascorbic Acid - AOAC Completed: 08/15/2019			
AOAC 967.22 mod.			
* Vitamin C - Ascorbic Acid	15,100 mg/100 g	127 mg/Serving	130 mg/serving
QD0EK - Vitamin D (LC-MS/MS) Completed: 08/16/2019			
Huang et al., Rapid Commun. Mass Spectrum 2014, 28			
* Total Vitamin D2 and D3	304,000 IU/100 g	2,560 IU/Serving	3,000 iu/serving
* Vitamin D2	<98.8 IU/100 g	<0.831 IU/Serving	
* Vitamin D3	304,000 IU/100 g	2,560 IU/Serving	
QD0GI - Vitamin E Completed: 08/19/2019			
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	5,680 mg/100 g	47.7 mg/Serving	
* Beta-Tocopherol	<1.25 mg/100 g	<0.0106 mg/Serving	
* Gamma-Tocopherol	<1.25 mg/100 g	<0.0106 mg/Serving	
* Delta-Tocopherol	<1.25 mg/100 g	<0.0106 mg/Serving	
* Total Tocopherols	5,680 mg/100 g	47.7 mg/Serving	

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QD0K2 - Chromium (Mwd-ICP-MS) Completed: 08/15/2019			
AOAC 2011.19 mod. * Chromium (Cr)	202 ppm	0.170 mg/Serving	
QD0K1 - Molybdenum (Mwd-ICP-MS) Completed: 08/15/2019			
AOAC 2011.19 mod. * Molybdenum	159 ppm	0.134 mg/Serving	
QD0K0 - Selenium (Mwd-ICP-MS) Completed: 08/15/2019			
AOAC 2011.19 mod. * Selenium (Se)	178 ppm	0.149 mg/Serving	
KK796 - Vitamin B12 - Methylcobalamin by HPLC Completed: 08/20/2019			
Internal Method Methylcobalamin	0.0328 % (w/w)	0.000276 g/Serving	
YI001 - Vitamin K Profile - K1, MK4, MK7 (UV Detection) Completed: 08/23/2019			
AOAC 999.15, mod. Phylloquinone (Vitamin K1)	135 µg/g	113 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.



David Gross

Support Services Manager

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