

Eurofins Sample Code: 464-2019-01280327
Sample Description: Iron Free Lot# 811037 ss=1 capsule
Client Sample Code: Iron Free Lot# 811037
PO Number: Lot# 811037
Client Code: QD0007527

Entry Date: 01/28/2019
Reporting Date: 05/25/2019

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

CERTIFICATE OF ANALYSIS

AR-19-QD-086758-01

Test	As Is Basis	Per Serving	Theoretical Level
QD273 - Serving Size by Content Weight			Completed: 02/02/2019
calculation			
Content Weight	0.6737 g	0.6737 g	
Units per Serving	1	1	1
Serving Size	0.67 g	0.67 g	1 capsule/serving
QD058 - Copper by ICP			Completed: 02/08/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Copper	317 mg/100 g	2.14 mg/Serving	2 mg/serving
QD107 - Iron by ICP			Completed: 02/08/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Iron	8.0 mg/100 g	0.054 mg/Serving	0 mg/serving
QD115 - Magnesium by ICP			Completed: 02/08/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Magnesium	14,300 mg/100 g	96.6 mg/Serving	100 mg/serving
QD117 - Manganese by ICP			Completed: 02/08/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Manganese	380 mg/100 g	2.56 mg/Serving	2 mg/serving
QD249 - Zinc by ICP			Completed: 02/08/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Zinc	2,470 mg/100 g	16.6 mg/Serving	15 mg/serving
QA0A4 - Iodine (ICP-MS)			Completed: 02/13/2019
AOAC 2012.15			
Iodine (I)	26 mg/100 g	0.18 mg/Serving	
QQ182 - Total Vitamin A			Completed: 02/08/2019
AOAC 974.29 Mod.			
* β-carotene	111,000 IU/100 g	749 IU/Serving	n/a iu/serving
* Retinol	1,470,000 IU/100 g	9,910 IU/Serving	n/a iu/serving

Eurofins Sample Code: 464-2019-01280327

Client Sample Code: Iron Free Lot# 811037

Test	As Is Basis	Per Serving	Theoretical Level
QQ182 - Total Vitamin A (Cont.) Completed: 02/08/2019			
AOAC 974.29 Mod. * Total Vitamin A	1,580,000 IU/100 g	10,700 IU/Serving	10,000 iu/serving
QQ023 - Biotin (USP) Completed: 02/15/2019			
USP Biotin-USP	112,000 µg/100 g	756 µg/Serving	600 µg/serving
QQ060 - Folic Acid (USP) Completed: 02/20/2019			
USP Folic Acid - USP	137,000 µg/100 g	921 µg/Serving	800 µg/serving
QQ086 - Vitamin B3 - Niacin (USP) Completed: 02/12/2019			
USP Niacin - USP	<894.87 mg/100 g	<6.03 mg/Serving	n/a mg/serving
Niacinamide - USP	7,830 mg/100 g	52.8 mg/Serving	40 mg/serving
QQ157 - Vit B5 Pantothenic Acid (USP) Completed: 02/12/2019			
USP Pantothenic acid - USP	2,970 mg/100 g	20.0 mg/Serving	20 mg/serving
QQ150 - Vitamin B1-Thiamine HCl (USP) Completed: 02/11/2019			
USP Vitamin B1 - Thiamine Hydrochloride - USP	4,050 mg/100 g	27.3 mg/Serving	20 mg/serving
QQ155 - Vitamin B2 - Riboflavin (USP) Completed: 02/11/2019			
USP Vitamin B2 - Riboflavin - USP	1,920 mg/100 g	13.0 mg/Serving	12 mg/serving
QQ159 - Vitamin B6 - Pyridoxine (USP) Completed: 02/11/2019			
USP Vitamin B6 (pyridoxine) - USP	1,820 mg/100 g	12.3 mg/Serving	12 mg/serving
QQ160 - Vitamin C - Ascorbic Acid - AOAC Completed: 02/11/2019			
AOAC 967.22 mod. * Vitamin C - Ascorbic Acid	21,600 mg/100 g	146 mg/Serving	130 mg/serving
QD0EK - Vitamin D (LC-MS/MS) Completed: 02/08/2019			
Huang et al., Rapid Commun. Mass Spectrum 2014, 28 * Total Vitamin D2 and D3	498,000 IU/100 g	3,360 IU/Serving	3,000 iu/serving
* Vitamin D2	<95.8 IU/100 g	<0.646 IU/Serving	n/a iu/serving
* Vitamin D3	498,000 IU/100 g	3,360 IU/Serving	n/a iu/serving
UMGSH - Salmonella - USP Chapter <62> Completed: 02/04/2019			
U.S. Pharmacopeia Chapter 62 Salmonella spp.	Not Detected /10 g	Not Detected /10 g	
UMI9G - Staphylococcus aureus - USP Chapter <62> Completed: 02/04/2019			
U.S. Pharmacopeia Chapter 62 Staphylococcus aureus	Not Detected /10 g	Not Detected /10 g	

Eurofins Sample Code: 464-2019-01280327

Client Sample Code: Iron Free Lot# 811037

Test	As Is Basis	Per Serving	Theoretical Level
UMMYZ - Total Aerobic Microbial Count - USP Chapter <61>			Completed: 02/04/2019
U.S. Pharmacopeia Chapter 61			
Total Aerobic Microbial Count	<10 cfu/g	<10 cfu/g	
UMR5L - Moulds - USP Chapter <61>			Completed: 02/04/2019
U.S. Pharmacopeia Chapter 61			
Mold	<10 cfu/g	<10 cfu/g	
Yeast	<10 cfu/g	<10 cfu/g	
Yeast & Moulds	<10 cfu/g	<10 cfu/g	
UMRU4 - Escherichia Coli - USP Chapter <62>			Completed: 02/04/2019
U.S. Pharmacopeia Chapter 62			
E. coli	Not Detected /10 g	Not Detected /10 g	
QD0K2 - Chromium (Mwd-ICP-MS)			Completed: 02/07/2019
AOAC 2011.19 mod.			
* Chromium (Cr)	219 ppm	0.148 mg/Serving	
QD0K1 - Molybdenum (Mwd-ICP-MS)			Completed: 02/07/2019
AOAC 2011.19 mod.			
* Molybdenum	182 ppm	0.122 mg/Serving	
QD0K0 - Selenium (Mwd-ICP-MS)			Completed: 02/07/2019
AOAC 2011.19 mod.			
* Selenium (Se)	265 ppm	0.178 mg/Serving	
KK764 - Vitamin B12 - Methylcobalamin >1mg/g			Completed: 02/14/2019
Japanese Pharmacopeia			
Hydroxocobalamin	UTD % (w/w)	UTD % (w/w)	
<i>UTD = Unable to determine due to interference</i>			
Methylcobalamin	<0.04 % (w/w)	<0.000270 g/Serving	
<i>Matrix interference</i>			
YI001 - Vitamin K Profile - K1, MK4, MK7 (UV Detection)			Completed: 05/24/2019
AOAC 999.15, mod.			
Phylloquinone (Vitamin K1)	22.0 µg/g	14.8 µg/Serving	
Menaquinone-4 (MK-4)(Vitamin K2)	ND µg/g	ND µg/g	
<i>ND = Not Detected</i>			
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.

Eurofins Sample Code: 464-2019-01280327**Client Sample Code:** Iron Free Lot# 811037Respectfully Submitted,
Eurofins Scientific Inc.

Desiree Childs

Evening Manager

Results shown in this report relate solely to the item submitted for analysis.
All results are reported on an "As Received" basis unless otherwise stated.
Reports shall not be reproduced except in full without written permission of
Eurofins Scientific, Inc. Measurement of Uncertainty can be obtained upon request.

Biological Testing
Cert:3329:01Chemical Testing
Cert:2927:01