

Eurofins Sample Code: 464-2018-12030341
Sample Description: 4/21, ss=1 capsule
Client Sample Code: Lot810023
PO Number: 803015
Client Code: QD0007527

Entry Date: 12/03/2018
Reporting Date: 01/02/2019

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

Sample Reference: 90CT CAPS

CERTIFICATE OF ANALYSIS

AR-19-QD-000455-01

Test	As Is Basis	Per Serving	Theoretical Level
QD273 - Serving Size by Content Weight			Completed: 12/04/2018
calculation			
Content Weight	0.8498 g	0.8498 g	
Units per Serving	1	1	1
Serving Size	0.85 g	0.85 g	1 capsule/serving
QD058 - Copper by ICP			Completed: 12/05/2018
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Copper	270 mg/100 g	2.3 mg/Serving	2 mg/serving
QD107 - Iron by ICP			Completed: 12/05/2018
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Iron	6,000 mg/100 g	51 mg/Serving	45 mg/serving
QD115 - Magnesium by ICP			Completed: 12/05/2018
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Magnesium	12,000 mg/100 g	102 mg/Serving	100 mg/serving
QD117 - Manganese by ICP			Completed: 12/05/2018
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Manganese	387 mg/100 g	3.29 mg/Serving	2 mg/serving
QD249 - Zinc by ICP			Completed: 12/05/2018
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Zinc	1,800 mg/100 g	15 mg/Serving	15 mg/serving
QA0A4 - Iodine (ICP-MS)			Completed: 12/10/2018
AOAC 2012.15			
Iodine (I)	21,300 µg/100 g	181 µg/Serving	150 µg/serving
QQ182 - Total Vitamin A			Completed: 12/09/2018
AOAC 974.29 Mod.			
* β-carotene	114,000 IU/100 g	971 IU/Serving	n/a iu/serving

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QQ182 - Total Vitamin A (Cont.) Completed: 12/09/2018			
AOAC 974.29 Mod.			
* Retinol	1,230,000 IU/100 g	10,500 IU/Serving	n/a iu/serving
* Total Vitamin A	1,340,000 IU/100 g	11,400 IU/Serving	10,000 iu/serving
QQ023 - Biotin (USP) Completed: 12/06/2018			
USP			
Biotin-USP	78,700 µg/100 g	669 µg/Serving	600 µg/serving
QQ060 - Folic Acid (USP) Completed: 12/19/2018			
USP			
Folic Acid - USP	108,000 µg/100 g	919 µg/Serving	800 µg/serving
QQ086 - Vitamin B3 - Niacin (USP) Completed: 12/07/2018			
USP			
Niacin - USP	<79.7 mg/100 g	<0.678 mg/Serving	n/a mg/serving
Niacinamide - USP	3,100 mg/100 g	26.4 mg/Serving	40 mg/serving
QQ157 - Vit B5 Pantothenic Acid (USP) Completed: 12/07/2018			
USP			
Pantothenic acid - USP	2,330 mg/100 g	19.8 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	2,240 mg/100 g	19.0 mg/Serving	
QQ155 - Vitamin B2 - Riboflavin (USP) Completed: 12/07/2018			
USP			
Vitamin B2 - Riboflavin - USP	823 mg/100 g	6.99 mg/Serving	12 mg/serving
QQ159 - Vitamin B6 - Pyridoxine (USP) Completed: 12/07/2018			
USP			
Vitamin B6 (pyridoxine) - USP	814 mg/100 g	6.91 mg/Serving	12 mg/serving
QQ160 - Vitamin C - Ascorbic Acid - AOAC Completed: 12/11/2018			
AOAC 967.22 mod.			
* Vitamin C - Ascorbic Acid	16,700 mg/100 g	142 mg/Serving	130 mg/serving
QD0EK - Vitamin D (LC-MS/MS) Completed: 12/07/2018			
Huang et al., Rapid Commun. Mass Spectrum 2014, 28			
* Total Vitamin D2 and D3	339,000 IU/100 g	2,880 IU/Serving	3,000 iu/serving
* Vitamin D2	<4.00 IU/100 g	<0.0340 IU/Serving	
* Vitamin D3	339,000 IU/100 g	2,880 IU/Serving	
QD0K2 - Chromium (Mwd-ICP-MS) Completed: 12/13/2018			
AOAC 2011.19 mod.			
* Chromium (Cr)	202 ppm	0.171 mg/Serving	
QD0K1 - Molybdenum (Mwd-ICP-MS) Completed: 12/13/2018			
AOAC 2011.19 mod.			
* Molybdenum	149 ppm	0.127 mg/Serving	

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QD0K0 - Selenium (Mwd-ICP-MS) Completed: 12/13/2018			
AOAC 2011.19 mod.			
* Selenium (Se)	197 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	<0.04 % (w/w)	<0.000340 g/Serving	1,000 µg/serving
<i>Matrix Interference.</i>			
YI001 - Vitamin K Profile - K1, MK4, MK7 (UV Detection) Completed: 12/18/2018			
AOAC 999.15, mod.			
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>			
Phylloquinone (Vitamin K1)	83.7 µg/g	71.1 µg/Serving	

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

Respectfully Submitted,
Eurofins Scientific Inc.



David Gross

Support Services Manager

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Biological Testing
Cert:3329:01



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