

Eurofins Sample Code: 464-2019-05080556
Sample Description: 45MG 30ct & 90ct-904025 ss=1capsule
Client Sample Code: New Sample
PO Number: 904025
Client Code: QD0007527

Entry Date: 05/08/2019
Reporting Date: 05/29/2019

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

Sample Reference: 904025

CERTIFICATE OF ANALYSIS

AR-19-QD-088785-01

Test	As Is Basis	Per Serving	Theoretical Level
QD273 - Serving Size by Content Weight			Completed: 05/13/2019
calculation			
Content Weight	0.8438 g	0.8438 g	
Units per Serving	1	1	1
Serving Size	0.84 g	0.84 g	1 capsule/serving
QD058 - Copper by ICP			Completed: 05/13/2019
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: 05/13/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Iron	5,740 mg/100 g	48.4 mg/Serving	45 mg/serving
QD115 - Magnesium by ICP			Completed: 05/13/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Magnesium	11,700 mg/100 g	99.1 mg/Serving	100 mg/serving
QD117 - Manganese by ICP			Completed: 05/13/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Manganese	313 mg/100 g	2.64 mg/Serving	2 mg/serving
QD249 - Zinc by ICP			Completed: 05/13/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Zinc	1,930 mg/100 g	16.2 mg/Serving	15 mg/serving
QA0A4 - Iodine (ICP-MS)			Completed: 05/16/2019
AOAC 2012.15			
Iodine (I)	22.1 mg/100 g	0.186 mg/Serving	
QQ182 - Total Vitamin A			Completed: 05/17/2019
AOAC 974.29 Mod.			
* β-carotene	108,000 IU/100 g	914 IU/Serving	n/a iu/serving

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QQ182 - Total Vitamin A (Cont.) Completed: 05/17/2019			
AOAC 974.29 Mod.			
* Retinol	1,160,000 IU/100 g	9,780 IU/Serving	n/a iu/serving
* Total Vitamin A	1,270,000 IU/100 g	10,700 IU/Serving	10,000 iu/serving
QQ023 - Biotin (USP) Completed: 05/16/2019			
USP			
Biotin-USP	83,500 µg/100 g	704 µg/Serving	600 µg/serving
QQ060 - Folic Acid (USP) Completed: 05/16/2019			
USP			
Folic Acid - USP	91,300 µg/100 g	770 µg/Serving	800 µg/serving
QQ086 - Vitamin B3 - Niacin (USP) Completed: 05/17/2019			
USP			
Niacin - USP	<338 mg/100 g	<2.86 mg/Serving	n/a mg/serving
Niacinamide - USP	5,190 mg/100 g	43.8 mg/Serving	40 mg/serving
QQ157 - Vit B5 Pantothenic Acid (USP) Completed: 05/16/2019			
USP			
Pantothenic acid - USP	2,590 mg/100 g	21.9 mg/Serving	20 mg/serving
QQ150 - Vitamin B1-Thiamine HCl (USP) Completed: 05/17/2019			
USP			
Vitamin B1 - Thiamine Hydrochloride - USP	2,750 mg/100 g	23.2 mg/Serving	20 mg/serving
QQ155 - Vitamin B2 - Riboflavin (USP) Completed: 05/17/2019			
USP			
Vitamin B2 - Riboflavin - USP	1,360 mg/100 g	11.4 mg/Serving	12 mg/serving
QQ159 - Vitamin B6 - Pyridoxine (USP) Completed: 05/17/2019			
USP			
Vitamin B6 (pyridoxine) - USP	1,370 mg/100 g	11.6 mg/Serving	12 mg/serving
QQ160 - Vitamin C - Ascorbic Acid - AOAC Completed: 05/17/2019			
AOAC 967.22 mod.			
* Vitamin C - Ascorbic Acid	14,800 mg/100 g	125 mg/Serving	130 mg/serving
QD0EK - Vitamin D (LC-MS/MS) Completed: 05/17/2019			
Huang et al., Rapid Commun. Mass Spectrum 2014, 28			
* Total Vitamin D2 and D3	343,000 IU/100 g	2,890 IU/Serving	3,000 iu/serving
* Vitamin D2	<98.3 IU/100 g	<0.830 IU/Serving	
* Vitamin D3	343,000 IU/100 g	2,900 IU/Serving	
QD0GI - Vitamin E Completed: 05/20/2019			
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	5,050 mg/100 g	42.6 mg/Serving	
* Beta-Tocopherol	27.8 mg/100 g	0.235 mg/Serving	
* Gamma-Tocopherol	<9.85 mg/100 g	<0.0832 mg/Serving	
* Delta-Tocopherol	<9.85 mg/100 g	<0.0832 mg/Serving	

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QD0GI - Vitamin E (Cont.) Completed: 05/20/2019			
AOAC 971.30 with HPLC quantification mod.			
* Total Tocopherols	5,080 mg/100 g	42.8 mg/Serving	
QD0K2 - Chromium (Mwd-ICP-MS) Completed: 05/13/2019			
AOAC 2011.19 mod.			
* Chromium (Cr)	225 ppm	0.190 mg/Serving	
QD0K1 - Molybdenum (Mwd-ICP-MS) Completed: 05/13/2019			
AOAC 2011.19 mod.			
* Molybdenum	165 ppm	0.139 mg/Serving	
QD0K0 - Selenium (Mwd-ICP-MS) Completed: 05/13/2019			
AOAC 2011.19 mod.			
* Selenium (Se)	220 ppm	0 mg/Serving	
KK796 - Vitamin B12 - Methylcobalamin by HPLC Completed: 05/29/2019			
Internal Method			
Methylcobalamin	0.140 % (w/w)	0.140 % (w/w)	
YI001 - Vitamin K Profile - K1, MK4, MK7 (UV Detection) Completed: 05/24/2019			
AOAC 999.15, mod.			
Phylloquinone (Vitamin K1)	252 µg/g	212.6376 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.



Joshua Daniels

Technician II Group Leader

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Biological Testing
Cert:3329:01



Chemical Testing
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