

Eurofins Sample Code: 464-2019-03020205
Sample Description: 901011 18MG 30ct & 90ct, ss=1 capsule
Client Sample Code: New Sample
PO Number: 901011 18MG 30ct & 90ct
Client Code: QD0007527

Entry Date: 03/02/2019
Reporting Date: 03/27/2019

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

Sample Reference: 901011 18MG 30ct & 90ct

CERTIFICATE OF ANALYSIS

AR-19-QD-049268-01

Test	As Is Basis	Per Serving	Theoretical Level
QD273 - Serving Size by Content Weight			Completed: 03/08/2019
calculation			
Content Weight	0.8659 g	0.8659 g	
Units per Serving	1	1	1
Serving Size	0.87 g	0.87 g	1 capsule/serving
QD058 - Copper by ICP			Completed: 03/11/2019
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: 03/11/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Iron	1,970 mg/100 g	17.1 mg/Serving	18 mg/serving
QD115 - Magnesium by ICP			Completed: 03/11/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Magnesium	11,500 mg/100 g	99.5 mg/Serving	100 mg/serving
QD117 - Manganese by ICP			Completed: 03/11/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Manganese	324 mg/100 g	2.80 mg/Serving	2 mg/serving
QD179 - Potassium by ICP			Completed: 03/11/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Potassium	<4 mg/100 g	<0.04 mg/Serving	
QD249 - Zinc by ICP			Completed: 03/11/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Zinc	1,870 mg/100 g	16.2 mg/Serving	15 mg/serving
QA0A4 - Iodine (ICP-MS)			Completed: 03/13/2019
AOAC 2012.15			
Iodine (I)	19,200 µg/100 g	166 µg/Serving	150 µg/serving

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Test	As Is Basis	Per Serving	Theoretical Level
QQ182 - Total Vitamin A Completed: 03/12/2019			
AOAC 974.29 Mod.			
* β -carotene	104,000 IU/100 g	898 IU/Serving	n/a iu/serving
* Retinol	1,180,000 IU/100 g	10,300 IU/Serving	n/a iu/serving
* Total Vitamin A	1,280,000 IU/100 g	11,100 IU/Serving	10,000 iu/serving
QQ023 - Biotin (USP) Completed: 03/08/2019			
USP			
Biotin-USP	92,700 μ g/100 g	802 μ g/Serving	600 μ g/serving
QQ060 - Folic Acid (USP) Completed: 03/10/2019			
USP			
Folic Acid - USP	88,900 μ g/100 g	770 μ g/Serving	800 μ g/serving
QQ086 - Vitamin B3 - Niacin (USP) Completed: 03/11/2019			
USP			
Niacin - USP	<27,800 μ g/100 g	<0.234,800 μ g/Serving	n/a μ g/serving
Niacinamide - USP	5,280,000 μ g/100 g	45,800 μ g/Serving	40 μ g/serving
QQ157 - Vit B5 Pantothenic Acid (USP) Completed: 03/08/2019			
USP			
Pantothenic acid - USP	2,510 mg/100 g	21.7 mg/Serving	20 mg/serving
QQ150 - Vitamin B1-Thiamine HCl (USP) Completed: 03/11/2019			
USP			
Vitamin B1 - Thiamine Hydrochloride - USP	3,040 mg/100 g	26.3 mg/Serving	20 mg/serving
QQ155 - Vitamin B2 - Riboflavin (USP) Completed: 03/11/2019			
USP			
Vitamin B2 - Riboflavin - USP	1,490 mg/100 g	12.9 mg/Serving	12 mg/serving
QQ159 - Vitamin B6 - Pyridoxine (USP) Completed: 03/11/2019			
USP			
Vitamin B6 (pyridoxine) - USP	1,430 mg/100 g	12.4 mg/Serving	12 mg/serving
QQ160 - Vitamin C - Ascorbic Acid - AOAC Completed: 03/11/2019			
AOAC 967.22 mod.			
* Vitamin C - Ascorbic Acid	16,600 mg/100 g	144 mg/Serving	130 mg/serving
QD0EK - Vitamin D (LC-MS/MS) Completed: 03/08/2019			
Huang et al., Rapid Commun. Mass Spectrum 2014, 28			
* Total Vitamin D2 and D3	396,000 IU/100 g	3,430 IU/Serving	3,000 iu/serving
* Vitamin D2	<99.2 IU/100 g	<0.859 IU/Serving	n/a iu/serving
* Vitamin D3	396,000 IU/100 g	3,430 IU/Serving	n/a iu/serving
QD0GI - Vitamin E Completed: 03/12/2019			
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	5,130 mg/100 g	44.4 mg/Serving	
* Beta-Tocopherol	11.3 mg/100 g	0.0978 mg/Serving	
* Gamma-Tocopherol	10.9 mg/100 g	0.0944 mg/Serving	

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QD0GI - Vitamin E (Cont.) Completed: 03/12/2019			
AOAC 971.30 with HPLC quantification mod.			
* Delta-Tocopherol	<0.982 mg/100 g	<0.00851 mg/Serving	
* Total Tocopherols	5,150 mg/100 g	44.6 mg/Serving	
QD0K2 - Chromium (Mwd-ICP-MS) Completed: 03/11/2019			
AOAC 2011.19 mod.			
* Chromium (Cr)	20,300 µg/100 g	176 µg/Serving	100 µg/serving
QD0K1 - Molybdenum (Mwd-ICP-MS) Completed: 03/11/2019			
AOAC 2011.19 mod.			
* Molybdenum	16,700 µg/100 g	145 µg/Serving	75 µg/serving
QD0K0 - Selenium (Mwd-ICP-MS) Completed: 03/11/2019			
AOAC 2011.19 mod.			
* Selenium (Se)	19,800 µg/100 g	171 µg/Serving	100 µg/serving
KK796 - Vitamin B12 - Methylcobalamin by HPLC Completed: 03/27/2019			
Internal Method			
Methylcobalamin	0.134 % (w/w)	0.134 % (w/w)	1,000 µg/serving
YI001 - Vitamin K Profile - K1, MK4, MK7 (UV Detection) Completed: 03/11/2019			
AOAC 999.15, mod.			
Phylloquinone (Vitamin K1)	2,510 µg/100 g	21.73 µg/Serving	
Menaquinone-4 (MK-4)(Vitamin K2)	ND	ND	
<i>ND = Not Detected</i>			
Menaquinone-7 (MK-7)(Vitamin K2)	ND	ND	
<i>ND = Not Detected</i>			

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

Respectfully Submitted,
Eurofins Scientific Inc.



Desiree Childs

Evening Manager

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