

Eurofins Sample Code: 464-2019-04240587
Sample Description: PROBIOTIC811040 ss=2 capsules
Client Sample Code: New Sample
PO Number: 811040
Client Code: QD0007527

Entry Date: 04/24/2019
Reporting Date: 05/18/2019

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

Sample Reference: 811040

CERTIFICATE OF ANALYSIS

AR-19-QD-082998-01

Test	As Is Basis	Per Serving	Theoretical Level
QD273 - Serving Size by Content Weight			Completed: 04/25/2019
calculation			
Content Weight	0.8098 g	0.8098 g	
Units per Serving	2	2	2
Serving Size	1.62 g	1.62 g	2 capsule/serving
QD058 - Copper by ICP			Completed: 04/26/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Copper	1,380 ppm	2.24 mg/Serving	2 mg/serving
QD107 - Iron by ICP			Completed: 04/29/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Iron	2,800 mg/100 g	45 mg/Serving	45 mg/serving
QD115 - Magnesium by ICP			Completed: 04/29/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Magnesium	12,500 mg/100 g	202 mg/Serving	100 mg/serving
QD117 - Manganese by ICP			Completed: 04/26/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Manganese	1,820 ppm	2.94 mg/Serving	2 mg
QD249 - Zinc by ICP			Completed: 04/26/2019
AOAC 984.27, 927.02, 985.01, 965.17 mod			
* Zinc	9,450 ppm	15.3 mg/Serving	16 mg/serving
QA0A4 - Iodine (ICP-MS)			Completed: 05/04/2019
AOAC 2012.15			
Iodine (I)	12.5 mg/100 g	0.202 mg/Serving	
QQ182 - Total Vitamin A			Completed: 05/03/2019
AOAC 974.29 Mod.			
* β-carotene	53,100 IU/100 g	861 IU/Serving	n/a iu/serving

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QQ182 - Total Vitamin A (Cont.) Completed: 05/03/2019			
AOAC 974.29 Mod.			
* Retinol	495,000 IU/100 g	8,020 IU/Serving	n/a iu/serving
* Total Vitamin A	548,000 IU/100 g	8,880 IU/Serving	10,000 iu/serving
QQ023 - Biotin (USP) Completed: 05/01/2019			
USP			
Biotin-USP	44,300 µg/100 g	718 µg/Serving	600 µg/serving
QQ060 - Folic Acid (USP) Completed: 05/02/2019			
USP			
Folic Acid - USP	56,300 µg/100 g	912 µg/Serving	800 µg/serving
QQ086 - Vitamin B3 - Niacin (USP) Completed: 05/02/2019			
USP			
Niacin - USP	<319.6 mg/100 g	<5.18 mg/Serving	n/a mg/serving
Niacinamide - USP	2,840 mg/100 g	46.0 mg/Serving	40 mg/serving
QQ157 - Vit B5 Pantothenic Acid (USP) Completed: 05/03/2019			
USP			
Pantothenic acid - USP	1,460 mg/100 g	23.7 mg/Serving	20 mg/serving
QQ150 - Vitamin B1-Thiamine HCl (USP) Completed: 05/02/2019			
USP			
Vitamin B1 - Thiamine Hydrochloride - USP	1,550 mg/100 g	25.1 mg/Serving	20 mg/serving
QQ155 - Vitamin B2 - Riboflavin (USP) Completed: 05/02/2019			
USP			
Vitamin B2 - Riboflavin - USP	864 mg/100 g	14.0 mg/Serving	12 mg/serving
QQ159 - Vitamin B6 - Pyridoxine (USP) Completed: 05/02/2019			
USP			
Vitamin B6 (pyridoxine) - USP	857 mg/100 g	13.9 mg/Serving	12 mg/serving
QQ160 - Vitamin C - Ascorbic Acid - AOAC Completed: 05/02/2019			
AOAC 967.22 mod.			
* Vitamin C - Ascorbic Acid	8,670 mg/100 g	140 mg/Serving	130 mg/serving
QD0EK - Vitamin D (LC-MS/MS) Completed: 05/03/2019			
Huang et al., Rapid Commun. Mass Spectrum 2014, 28			
* Total Vitamin D2 and D3	173,000 IU/100 g	2,800 IU/Serving	3,000 iu/serving
* Vitamin D2	<31.9 IU/100 g	<0.517 IU/Serving	n/a iu/serving
* Vitamin D3	173,000 IU/100 g	2,800 IU/Serving	n/a iu/serving
QD0GI - Vitamin E Completed: 05/07/2019			
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	2,610 mg/100 g	42.3 mg/Serving	
* Beta-Tocopherol	13.3 mg/100 g	0.215 mg/Serving	
* Gamma-Tocopherol	<9.73 mg/100 g	<0.158 mg/Serving	
* Delta-Tocopherol	<9.73 mg/100 g	<0.158 mg/Serving	

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Test	As Is Basis	Per Serving	Theoretical Level
QD0GI - Vitamin E (Cont.) Completed: 05/07/2019			
AOAC 971.30 with HPLC quantification mod.			
* Total Tocopherols	2,620 mg/100 g	42.5 mg/Serving	
UMK9C - Viable Probiotic Count - Internal Method Completed: 05/18/2019			
Internal Method			
Viable Probiotic Count	2,000,000,000 cfu/g	2,000,000,000 cfu/g	15 Billion cfu/g
QD0K2 - Chromium (Mwd-ICP-MS) Completed: 04/26/2019			
AOAC 2011.19 mod.			
* Chromium (Cr)	117 ppm	0.189 mg/Serving	
QD0K1 - Molybdenum (Mwd-ICP-MS) Completed: 04/26/2019			
AOAC 2011.19 mod.			
* Molybdenum	66.2 ppm	0.107 mg/Serving	
QD0K0 - Selenium (Mwd-ICP-MS) Completed: 04/26/2019			
AOAC 2011.19 mod.			
* Selenium (Se)	109 ppm	0.177 mg/Serving	
KK796 - Vitamin B12 - Methylcobalamin by HPLC Completed: 05/03/2019			
Internal Method			
Methylcobalamin	0.0647 % (w/w)	0.0647 % (w/w)	
YI001 - Vitamin K Profile - K1, MK4, MK7 (UV Detection) Completed: 05/09/2019			
AOAC 999.15, mod.			
Phylloquinone (Vitamin K1)	23 µg/g	37.2508 µg/Serving	
Menaquinone-4 (MK-4)(Vitamin K2)	ND µg/g	ND µg/g	
<i>ND = None Determined</i>			
Menaquinone-7 (MK-7)(Vitamin K2)	ND µg/g	ND µg/g	
<i>ND = None Determined</i>			

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

Respectfully Submitted,
Eurofins Scientific Inc.



Jesse Smiles

Weekend Supervisor

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