

Certificate of Analysis (COA)

Report Number: 24-212789

Report Date : 06/03/2024

1169 Warner Ave, Tustin, CA, 92780 Phone: 714-259-0384

Customer* : Blueprint Bryan Johnson
Contact* : Support@bryanjohnson.com

Samples Received : 04/12/2024
Start of Testing : 04/12/2024
PO Number : 04112024

Phone* :

Sample Name : Essential Capsules (FP)

Item # : 19005
Lab # : 001

Lot # : HI24-100-01/HI24000063 MFG
Date 09APR2024

Test Code	Analysis - Method	Result	Spec
APC80	Total Viable Plate Count Danisco	4.5 BILLION CFU/SERVING	NLT 4.0 Billion cfu/serving
NC	Yeast Count (USP 2021)	<10 CFU/G	<100 cfu/g
NC	Mold Count (USP 2021)	<10 CFU/G	<100 cfu/g
USPC17	5 Method Bundle with USP 2021/2022 (no coliform)	Completed	
NC	E. coli (USP 2022)	Absent	
NC	Salmonella species (USP 2022)	Absent	Absent/25g
NC	Staphylococcus aureus (USP 2022)	Absent	Absent/10g
FIS01	Fisetin (HPLC) ALC130A	138.51mg/ 2.559g	NLT 100mg/2.559 g
GEN02	Genistein (HPLC) ALC183A	325.08mg/2.559g	NLT 300mg/2.559 g
PES06	Pesticide Screen USP & European Pharmacopoeial Residue Limits	Completed	
CEQ12	Total CoQ10 (Ubiquinol + Ubiquinone) (HPLC) Calculation SOP 3.1.86	58.58mg/2.559g	
NC	Coenzyme Q10 (CoQ10) (Ubiquinone) (HPLC) SOP 3.1.86	7.37mg/2.559g	
NC	Coenzyme Q10 (CoQ10) (Ubiquinol) (HPLC) Calculation	51.21mg/2.559g	NLT 50.00mg/2.559 g
VITB304	Nicotinamide Riboside Chloride SOP 3.1.335	431.38mg/ 2.559g	NLT 300.00mg/ 2.559g
ICPBO	Boron (B) ICP-OES	3.36 mg/2.559g	NLT 3.00 mg/2.559g

Billing Code	Analysis - Method	Result	Spec
BRO01	Broccoraphanin (Glucoraphanin) (HPLC) ALC623A	29.675mg/2.559g	NLT 20.00mg/2.559g
ICPLI02	Lithium (Li) ICP-OES	1.08 mg/2.559g Test Note: Customer specification: NLT 1.00mg /2.559g	
LUT05	Luteolin (HPLC)	109.74mg/2.559 g	NLT 100mg/2.559 g
ICPMN01	Manganese (Mn) (ICP-OES)	1.14 mg/2.559g	NLT 1.00 mg/2.559g
ROS01	Rosavins (HPLC) ALC099B	12.16mg/2.559g	NLT 9mg/2.559g
SPER01	Spermidine (HPLC) J. Food Sci Vol.21.No.5:16 7-175	2.73mg/2.559g	NLT10.00mg/2.559g
VITB103	Vitamin B1 (Thiamine HCL) (HPLC) SOP 3.1.335	0.34mg/ 2.559g	NLT 1.10mg/ 2.559g
VITB601	Vitamin B6 (Pyridoxine Hydrochloride) (HPLC) SOP 3.1.335	2.15mg/ 2.559g	NLT 1.40mg/ 2.559g
ABVITD04	Vitamin D3 (Cholecalciferol) (HPLC) SOP 3.1.334	3,737.36 IU/2.559g	NLT 2000 IU/2.559g
VITE07	d-Alpha Tocopherol (HPLC) SOP 3.1.334	149.33 mg/2.559g	NLT 67.00 mg/2.559g
ICPZN04	Zinc (Zn) ICP-OES	12.75 mg/2.559g	NLT 15.00 mg/2.559g
VITB202	Vitamin B2 (Riboflavin) HPLC SOP:3.1.335	1.55mg/ 2.559g	NLT 1.40mg/ 2.559g
VITB302	Vitamin B3 (Niacinamide/Nicotinamide) (HPLC) SOP 3.1.335	23.44mg/ 2.559g	NLT 15.00mg/ 2.559g
IOD10	Iodide (Potassium Iodide) ISE	0.202 mg/2.559g	NLT 0.20 mg/2.559g
VITB1212	B12 (Methylcobalamin) (LC/MS) SOP 3.15.16	Not Detected, <1ppm	NLT 0.125mg/2.559g
VITB502	B5 (d-Calcium Pantothenate) HPLC SOP 3.1.177	10.54mg/ 2.559g	NLT 6.00mg/ 2.559g
APC120	Total Non-Lactic Bacterial Plate Count (ISO 13559:2002)	<10 CFU/g	< 1000 cfu/g
VITB915	Vitamin B9 (5-Methyltetrahydrofolate) (HPLC)	(SOP 3.1.335): 0.07mg/ 2.559g	NLT 0.20mg/ 2.559g

Billing Code	Analysis - Method	Result	Spec
ICPMS-Se1	Selenium ICP-MS	0.085 mg/2.559g Test Note: Test performed at CG Burbank. Test method: MQLTM-0622 by ICP-OES	NLT 0.028 mg/2.559g
BIO02	Biotin (LC/MS)	Not Detected, <1ppm	NLT 0.05mg/2.559 g
AFL11	Aflatoxin (LC-MS/MS)	Completed	
NC	Aflatoxin LC/MS B1	Not detected, < 0.013 mcg/serving	NMT 0.05mcg/serving (0.2mcg/g)
NC	Aflatoxin LC/MS B2	Not detected, < 0.013 mcg/serving	NMT 0.05mcg/serving (0.2mcg/g)
NC	Aflatoxin LC/MS G1	Not detected, < 0.013 mcg/serving	NMT 0.05mcg/serving (0.2mcg/g)
NC	Aflatoxin LC/MS G2	Not detected, < 0.013 mcg/serving	NMT 0.05mcg/serving (0.2mcg/g)
HMS35	Heavy Metal Screen 4 - ICPMS: As, Cd, Hg, Pb	Complete	
NC	Arsenic (As) ICP-MS	0.154 mcg / 2.559 g Test Note: Test performed at CG Burbank. Test method: MQLTM-0278 by ICP-MS	Report Only
NC	Cadmium (Cd) ICP-MS	0.084 mcg / 2.559 g Test Note: Test performed at CG Burbank. Test method: MQLTM-0278 by ICP-MS	Report Only
NC	Lead (Pb) ICP-MS	0.289 mcg / 2.559 g Test Note: Test performed at CG Burbank. Test method: MQLTM-0278 by ICP-MS	Report Only
NC	Mercury (Hg) ICP-MS	Not Detected, (MDL 0.008 mcg / 2.559 g) Test Note: Test performed at CG Burbank. Test method: MQLTM-0278 by ICP-MS	Report Only

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Sample Temperature Upon Receipt : 25.0 deg C

Remarks : Revised COA - Heavy Metal Results Updated to Per Serving Size of 2.559 g 06/03/2024 12:31 PM GL

Certified Group - Tustin is accredited to the ISO/IEC 17025:2017 standard and specializes in the testing of botanical ingredients, dietary supplements, and foods. Certified Group - Tustin is not an FDA drug registered facility, therefore any data or results provided by Certified Group - Tustin are not intended to fulfill any requirements under the drug cGMPs dictated in 21 CFR Parts 210 and 211.

For Questions or Comments Contact : Customer Experience Team 714-259-0384 or customerexperience_tustin@certifiedgroup.com

All results contained in the above report relate only to the items tested. All samples received in satisfactory condition unless noted otherwise. *The indicated information has been provided by the client to Certified Group - Tustin.

First Approval By : Grace.Llewellyn

Second Approval By : Christian Rivas

Signature : 

Signature : 