

Certificate of Analysis (COA)

Report Number: 24-440279
Report Date : 09/25/2024

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Samples Received : 08/07/2024
Start of Testing : 08/07/2024
PO Number : 08062024

Phone* :

Sample Name : Essential Capsules (FP)

Item # : 18006

Lot # : HI24-162-01/HI24000101 MFG

Lab # : 001

Date - 10JUN2024

Test Code	Analysis - Method	Result	Spec
LAC86	Lactic Acid Bacteria (WECARE)	4.3 Billion CFU/serving	NLT 4.0 Billion cfu/serving
NC	Yeast Count (USP 2021)	10 CFU/G	< 1,000 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	Absent/10g
NC	Salmonella species (USP 2022)	Absent	Absent/25g
NC	Staphylococcus aureus (USP 2022)	Absent	Absent/10g
FIS01	Fisetin (HPLC) ALC130A	113.13mg/ 3 capsules	NLT 100mg/ 3 capsules
GEN02	Genistein (HPLC) ALC183A	300.39mg/3capsules	NLT 300mg/3capsules
PES06	Pesticide Screen USP 561	Completed	
CEQ12	Total CoQ10 (Ubiquinol + Ubiquinone) (HPLC) Calculation SOP 3.1.86	63.45mg/3capsules	
NC	Coenzyme Q10 (CoQ10) (Ubiquinone) (HPLC) SOP 3.1.86	5.61mg/3capsules	
NC	Coenzyme Q10 (CoQ10) (Ubiquinol) (HPLC) Calculation	57.84mg/3capsules	NLT 50mg/3capsules
VITB304	Vitamin B3 (Niacin, Niacinamide, Nicotinic Acid) (HPLC) SOP 3.1.335	377.46 mg/3 capsules	NLT 300.00 mg/3 capsules
ICPBO	Boron (B) ICP-OES	3.92 mg/3 capsules	Report Only
BRO01	Broccoraphanin (Glucoraphanin) (HPLC) ALC623A	28.446mg/3capsules	NLT 20mg/3capsules
ICPMS-Se1	Selenium ICP-MS	0.048 mg/3 capsules	Report Only
ICPLI02	Lithium (Li) ICP-OES	1.44 mg/3 capsules	
LUT05	Luteolin (HPLC)	103.9mg/ 3 capsules	NLT 100mg/ 3 capsules
ICPMN01	Manganese (Mn) (ICP-OES)	1.21 mg/ 3 capsules	Report Only
ROS01	Rosavins (HPLC) ALC099B	11.88mg/3capsules	NLT 9mg/3capsules
SPER01	Spermidine (HPLC) J. Food Sci Vol.21.No.5:16 7-175	4.24mg/3capsules	NLT10mg/3 capsules
VITB601	Vitamin B6 (Pyridoxine Hydrochloride) (HPLC) SOP 3.1.335	1.90 mg/3 capsules	NLT 1.40 mg/3 capsules
ABVITD04	Vitamin D3 (Cholecalciferol) (HPLC) SOP 3.1.334	3547.65 IU/3 capsules	NLT 2000 IU/3 capsules
VITE07	d-Alpha Tocopherol (HPLC) SOP 3.1.334	71.53 mg/capsule	NLT 67.00 mg/3 capsules
ICPZN04	Zinc (Zn) ICP-OES	15.03 mg/3 capsules	Report Only
WEI02	Average Fill Weight (based on 10)	793.41 mg/capsule	N/A
IOD10	Iodide (Potassium Iodide) ISE	0.204 mg/3 capsules	NLT 0.20 mg/3 capsules
VITB202	Vitamin B2 (Riboflavin) HPLC SOP:3.1.335	1.60 mg/3 capsules	NLT 1.40 mg/3 capsules
VITB302	Vitamin B3 (Niacinamide/Nicotinamide) (HPLC) SOP 3.1.335	19.92 mg/3 capsules	NLT 15.00 mg/3 capsules
SPHPLC	Special Chemistry Analysis HPLC	Thiamine Hydrochloride (SOP 3.1.177): 0.302 mg/3 capsules	NLT 1.10 mg/3 capsules
VITB502	B5 (d-Calcium Pantothenate) HPLC SOP 3.1.177	11.38 mg/3 capsules	NLT 6.00 mg/3 capsules
WEI06	Average Unit Weight (based on 10)	0.92757 g/capsule	
VITB908	B9 MTHF, Levomefolate-Calcium salt (HPLC) SOP 3.1.177	0.12mg/ 3 capsules	NLT 0.20mg/ 3 capsules
BIO02	Biotin (LC/MS)	0.09 mg/3 capsules	NLT 0.05 mg/3 capsules
		Test Note: Test Performed At CG Burbank. Test Method: MQLTM-1021 By LC-MS.	
APC120	Total Non-Lactic Bacterial Plate Count (ISO 13559:2002)	160 CFU/G	< 10,000 cfu/g
ABVITB12	B12 (Methylcobalamin) (LC/MS)	0.287 mg/3 capsules	NLT 0.125 mg/3 capsules
		Test Note: Test Performed At CG Burbank. Test Method: MQLTM-1209 By LC-MS.	
AFL11	Aflatoxin (LC-MS/MS)	Completed	
NC	Aflatoxin LC/MS B1	Not Detected; <0.012 mcg/3 capsules	NMT 0.05 mcg/serving (0.02 mcg/g)
		Test Note: Serving size: 3 capsules	
NC	Aflatoxin LC/MS B2	Not Detected; <0.012 mcg/3 capsules	NMT 0.05 mcg/serving (0.02 mcg/g)
		Test Note: Serving size: 3 capsules	
NC	Aflatoxin LC/MS G1	Not Detected; <0.012 mcg/3 capsules	NMT 0.05 mcg/serving (0.02 mcg/g)
		Test Note: Serving size: 3 capsules	
NC	Aflatoxin LC/MS G2	Not Detected; <0.012 mcg/3 capsules	NMT 0.05 mcg/serving (0.02 mcg/g)
		Test Note: Serving size: 3 capsules	
HMS35	Heavy Metal Screen 4 - ICPMS: As, Cd, Hg, Pb	Complete	
NC	Arsenic (As) ICP-MS	0.448 mcg/3 capsules	Report Only
NC	Cadmium (Cd) ICP-MS	0.064 mcg/3 capsules	Report Only
NC	Lead (Pb) ICP-MS	0.454 mcg/3 capsules	Report Only
NC	Mercury (Hg) ICP-MS	0.058 mcg/3 capsules	Report Only

Sample Temperature Upon Receipt : 25.0 deg C

Remarks :

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.