



Certificate of Analysis (COA)

Report Number: 26-200780
Report Date : 04/29/2026

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

Customer* : Blueprint Bryan Johnson

Contact* : Blueprint Bryan Johnson

Samples Received : 04/10/2026

Start of Testing : 04/10/2026

PO Number : Unknown

Phone* :

Sample Name : Essential Microbiome

Item # :

Lot # :

Lab # : 001

Test Code	Analysis - Method	Result	Spec
	Yeast Count (USP 2021)	<10 CFU/g	<100 cfu/g
	Mold Count (USP 2021)	<10 CFU/g	<100 cfu/g
NC	Total Aerobic Microbial Count (Modified USP 2021)	30 CFU/g	<1000 cfu/g
	Coliform Count Petrifilm (AOAC 991.14)	<10 CFU/g	<10 cfu/g
USPC11	6 Method Bundle Modified USP 2021/2022	Completed	
NC	E. coli (Modified USP 2022)	Absent	Absent/10 g
NC	Staphylococcus aureus (Modified USP 2022)	Absent	Absent/10 g
NC	Salmonella species (Modified USP 2022)	Absent	Absent/25 g
TRI02	Tributyryn (GC) SOP 3.2.70	352.23 mg/capsule	NLT 300 mg/capsule
PES06	Pesticide Screen (Modified USP 561)	Completed	
NC	Acephate (LOD 0.01 mg/kg)	ND	Conform USP Pharmacope ial Residue Limits
NC	Alachlor (LOD 0.01 mg/kg)	ND	Conform USP Pharmacope ial Residue Limits
NC	Aldrin & Dieldrin (LOD 0.01 mg/kg)	ND	Conform USP Pharmacope ial Residue Limits

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Billing Code	Analysis - Method	Result	Spec
NC	Azinphos-ethyl (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Azinphos-methyl (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Bromophos-ethyl (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Bromophos-methyl (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Bromopropylate (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Chlordane (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Chorfenvinphos (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Chlorpyrifos (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Chlorthal dimethyl (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Cyfluthrin (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits

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Billing Code	Analysis - Method	Result	Spec
NC	gamma-Cyhalothrin (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Cypermethrin (LOD 0.03 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	DDT'S (includes o,p'-DDT, p,p'-DDT, o,p'-DDE, p,p'-DDE, o,p'-DDD, p,p'-DDD) (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Deltamethrin (LOD 0.05 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Diazinon (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Dichlofluanid (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Dichlorvos (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Dicofol (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Dimethoate & Omethoate (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Endosulfans (includes endosulfan I, II, sulfate) (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits

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Billing Code	Analysis - Method	Result	Spec
NC	Endrin (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Ethion (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Etrimphos (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Fenchlorophos (sum of fenchlorophos and fenchlorophos-oxon) (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Fenitrothion (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Fenpropathrin (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Fensulfothion (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Fenthion (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Fenvalerate (LOD 0.03 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Flucytrinate (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits

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Billing Code	Analysis - Method	Result	Spec
NC	tau-Fluvalinate (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Fonofos (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Heptachlor (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Heptachlor Epoxide (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Hexachlorobenzene (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Lindane (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Malathion & Malaoxon (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Mecarban (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Methacriphos (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Methidathion (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits

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Billing Code	Analysis - Method	Result	Spec
NC	Methoxychlor (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Mirex (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Monocrotophos (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Parathion-ethyl & Paraoxon-ethyl (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Parathion-methyl & Paraoxon-methyl (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Pendimethalin (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Pentachloranisol (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Permethrin (LOD 0.05 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Phosalone (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Phosmet (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits

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Billing Code	Analysis - Method	Result	Spec
NC	Piperonyl butoxide (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Pirimiphos-ethyl (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Pirimiphos-methyl (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Procymidone (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Profenophos (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Prothiophos (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Pyrethrum (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Quinalphos (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	Quintozene (PCNB) (includes a-BHC, b -BHC, d-BHC) (LOD 0.01 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits
NC	S-421 (LOD 0.02 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits

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Billing Code	Analysis - Method	Result	Spec				
NC	Tecnazene (LOD 0.05 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits				
NC	Tetradifon (LOD 0.1 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits				
NC	Vinclozolin (LOD 0.1 mg/kg)	ND	Conform USP Pharmacopeial Residue Limits				
PHT01	Phthalates (GC/MS) SOP 3.2.65	Completed	Comforms to EPA/AHPA				
NC	Dimethyl Phthalate (GC)	ND (< 1 ng/g)	Comforms to EPA/AHPA				
NC	Diethyl phthalate (GC)	ND (< 1 ng/g)	Comforms to EPA/AHPA				
NC	Diisobutyl phthalate (GC)	ND (< 0.8 ng/g)	Comforms to EPA/AHPA				
NC	Dibutyl phthalate (GC)	ND (< 1 ng/g)	Comforms to EPA/AHPA				
NC	Bis(4-methyl-2-pentyl) phthalate (GC)	ND (< 0.8 ng/g)	Comforms to EPA/AHPA				
NC	Bis(2-ethoxyethyl) phthalate (GC)	ND (< 2 ng/g)	Comforms to EPA/AHPA				
NC	Dipentyl phthalate (GC)	ND (< 1 ng/g)	Comforms to EPA/AHPA				
NC	Dihexyl phthalate (GC)	26.43 ng/g	Comforms to EPA/AHPA				
NC	Benzyl phthalate (GC)	138.53 ng/g	Comforms to EPA/AHPA				
NC	Dicyclohexyl phthalate (DCHP) (GC)	83.78 ng/g	Comforms to EPA/AHPA				
NC	Bis(2-ethylhexyl) phthalate (GC)	506.71 ng/g	Comforms to EPA/AHPA				
NC	Di-n-octyl phthalate (DNOP) (GC)	ND (< 2 ng/g)	Comforms to EPA/AHPA				
GLY06	Glyphosate (LC/MS)	Not Detected (NMT 0.1 ppm)	Report only in ppm				

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Billing Code	Analysis - Method	Result	Spec
		Test Note: Test Performed At CG Burbank. Test Method: MQLTM-1188 By LCMS	
WEI02	Average Fill Weight (based on 10)	454.82 mg/capsule	N/A
AFL11	Aflatoxin (LC-MS/MS)	Completed	
		Test Note: Total Aflatoxins (B1, B2, G1,G2): Not Detected,<20ppb	
NC	Aflatoxin LC/MS B1	Not Detected,<5ppb	
NC	Aflatoxin LC/MS B2	Not Detected,<5ppb	
NC	Aflatoxin LC/MS G1	Not Detected,<5ppb	
NC	Aflatoxin LC/MS G2	Not Detected,<5ppb	
HMS35	Heavy Metal Screen 4 - ICPMS: As, Cd, Hg, Pb	Complete	
		Test Note: Test Performed At CG Burbank. Test Method: BCM-30011 By ICP-MS.	
NC	Arsenic (As) ICP-MS	0.028 mcg/capsule	Report Only
NC	Cadmium (Cd) ICP-MS	0.028 mcg/capsule	Report Only
NC	Lead (Pb) ICP-MS	Not Detected (LOD 025 ppm)	Report Only
NC	Mercury (Hg) ICP-MS	Not Detected (LOD 0.00063 ppm)	Report Only
NC	Chlorpyrifos-methyl (LOD 0.01 mg/kg)	ND	Conform USP Pharmacope ial Residue Limits
NC	Hexachlorocyclohexane (LOD 0.01 mg/kg)	ND	Conform USP Pharmacope ial Residue Limits
NC	Methamidophos (LOD 0.01 mg/kg)	ND	Conform USP Pharmacope ial Residue Limits

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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.

Approved By : Grace.Llewellyn, Laboratory Directory

Signature :

