



Certificate of Analysis (COA)

Report Number: 25-062237
Report Date : 03/27/2025

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

Customer* : Blueprint Bryan Johnson

Contact* : Blueprint Bryan Johnson

Samples Received : 01/31/2025
Start of Testing : 01/31/2025
PO Number : 01292025

Phone* :

Sample Name : Longevity Mix Blood Orange

Item # : 18017

Lot # : HI25-027-01/ HI25000006 MFG

Lab # : 001

Date: 27JAN2025

Test Code	Analysis - Method	Result	Spec
NC	Yeast Count (USP 2021)	<10 CFU/G	<1,000 CFU/G
NC	Mold Count (USP 2021)	<10 CFU/G	<1,000 CFU/G
NC	Total Aerobic Microbial Count (Modified USP 2021)	<10 CFU/G	<10,000 CFU/G
USPC17	5 Method Bundle Modified USP 2021/2022 (no coliform)	Completed	
NC	E. coli (Modified USP 2022)	Absent	Absent/10g
NC	Salmonella species (Modified USP 2022)	Absent	Absent/25g
NC	Staphylococcus aureus (Modified USP 2022)	Absent	Absent/10g
GSUL02	Glucosamine Sulfate (HPLC) SOP 3.1.2	769.96mg/14.55 g	NLT 750mg/14.5 5g
PES06	Pesticide Screen (Modified USP 561)	Completed	
TAUR02	Taurine HPLC SOP 3.1.2	1556.50mg/14.55g	NLT 1500mg/14. 55g
CALC09	Calculated Results	Calcium AKG (Calculation): 1618.16 mg/14.55 g	NLT 1425.26mg/ 14.55g
PHT01	Phthalates (GC/MS) SOP 3.2.65	Completed	Conforms to EPA/AHPA
NC	Dimethyl Phthalate (GC)	72.41871 ng/g	Conforms to EPA/AHPA
NC	Diethyl phthalate (GC)	63.958598 ng/g	Conforms to EPA/AHPA
NC	Diisobutyl phthalate (GC)	93.969339 ng/g	Conforms to EPA/AHPA
NC	Dibutyl phthalate (GC)	161.861146 ng/g	Conforms to EPA/AHPA

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Billing Code	Analysis - Method	Result	Spec
NC	Bis(4-methyl-2-pentyl) phthalate (GC)	ND (LOD is 0.8 ng/g)	Conforms to EPA/AHPA
NC	Bis(2-ethoxyethyl) phthalate (GC)	ND (LOD is 2 ng/g)	Conforms to EPA/AHPA
NC	Dipentyl phthalate (GC)	ND (LOD is 1 ng/g)	Conforms to EPA/AHPA
NC	Dihexyl phthalate (GC)	ND (LOD is 1.2 ng/g)	Conforms to EPA/AHPA
NC	Benzyl phthalate (GC)	ND (LOD is 2 ng/g)	Conforms to EPA/AHPA
NC	Dicyclohexyl phthalate (DCHP) (GC)	ND (LOD is 2 ng/g)	Conforms to EPA/AHPA
NC	Bis(2-ethylhexyl) phthalate (GC)	89.4893 ng/g	Conforms to EPA/AHPA
NC	Di-n-octyl phthalate (DNOP) (GC)	ND (LOD is 2 ng/g)	Conforms to EPA/AHPA
ICPCA02	Calcium (Ca) ICP-OES SOP 3.12.4	423.79 mg/14.55g	Report Only
CREA01	Creatine (HPLC)	2260.05mg/14.55g	>2197.96mg /14.55g
		Test Note: SOP:3.1.73	
GLU09	Glutathione Reduced (HPLC) SOP 3.1.73	353.99mg/14.55g	>250mg/14.55g
GLY02	Glycine (HPLC) SOP 3.1.2	1432.16mg/14.55g	NLT 1200mg/14.55g
GLY06	Glyphosate (LC/MS)	Not Detected (NMT 0.1 ppm)	Report Only
		Test Note: Test performed at CG Burbank. Test Method: MQLTM-1188 by LCMS.	
HYA02	Hyaluronic Acid (EH-HPLC) JAOAC2007	123.20mg/14.55g	NLT 120mg/14.55g
ICPMG06	Magnesium (Mg) ICP-OES SOP 3.12.4	169.20 mg/14.55g	NLT 150 mg/14.55 g
ICPNA5	Sodium (Na) ICP-OES SOP 3.12.4	18.35 mg/14.55g	Report Only
VITC04	Vitamin C (as Ascorbic Acid) HPLC SOP 3.1.111	250.55 mg/serving	>=250 mg/serving
LLYS02	Lysine HCL (HPLC) SOP 3.1.2	1333.69mg/14.55g	1000mg/14.55g
AFL11	Aflatoxin (LC-MS/MS)	Completed	
NC	Aflatoxin LC/MS B1	Not detected, <5ppb	
NC	Aflatoxin LC/MS B2	Not detected, <5ppb	

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Billing Code	Analysis - Method	Result	Spec
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	
NC	Arsenic (As) ICP-MS	0.046 ppm	Report Only
NC	Cadmium (Cd) ICP-MS	0.009 ppm	Report Only
NC	Lead (Pb) ICP-MS	0.019 ppm	Report Only
NC	Mercury (Hg) ICP-MS	0.002 ppm	Report Only

Sample Temperature Upon Receipt : 25.0 deg C

Remarks : Revised COA - Glucosamine Sulfate Spec Updated
Per Client Request
2/18/2025 10:11 AM CR
Revised COA - Mg and Lysine Spec Updated,
Calcium AKG Calculation Added Per Client Request
3/25/2025 6:20 PM CR
Corrected COA - Glucosamine HCl Serving Size
Unit Corrected
3/26/2025 2:41 PM CR

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 : Katerina Baldwin, Laboratory Directory

Signature : 



Certificate of Analysis (COA)

Report Number: 25-010656
Report Date : 03/18/2025

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

Customer* : Blueprint Bryan Johnson

Contact* : Blueprint Bryan Johnson

Samples Received : 01/07/2025
Start of Testing : 01/07/2025
PO Number : 10620252

Phone* :

Sample Name : Longevity Mix - Pineapple Yuzu

Item # : 18015

Lot # : HI24-310-01/ HI24000171 MFG

Lab # : 001

Date- 05NOV2024

Test Code	Analysis - Method	Result	Spec
NC	Yeast Count (USP 2021)	<10 CFU/G	<1000 CFU/G
NC	Mold Count (USP 2021)	<10 CFU/G	<1000 CFU/G
NC	Total Aerobic Microbial Count (Modified USP 2021)	<10 CFU/G	<10,000 CFU/G
USPC17	5 Method Bundle Modified USP 2021/2022 (no coliform)	Completed	
NC	E. coli (Modified USP 2022)	Absent	Absent/10g
NC	Salmonella species (Modified USP 2022)	Absent	Absent/25g
NC	Staphylococcus aureus (Modified USP 2022)	Absent	Absent/10g
GSUL02	Glucosamine Sulfate (HPLC) SOP 3.1.2	837.66mg/14.47g	NLT 750mg/14.47g
PES06	Pesticide Screen (Modified USP 561)	Completed	
TAUR02	Taurine HPLC SOP 3.1.2	1693.31mg/14.47g	>=1500mg/14.47g
PHT01	Phthalates (GC/MS) SOP 3.2.65	Completed	Conforms to EPA/AHPA
NC	Dimethyl Phthalate (GC)	ND (LOD is 1 ng/g)	Conforms to EPA/AHPA
NC	Diethyl phthalate (GC)	ND (LOD is 1 ng/g)	Conforms to EPA/AHPA
NC	Diisobutyl phthalate (GC)	ND (LOD is 0.8 ng/g)	Conforms to EPA/AHPA
NC	Dibutyl phthalate (GC)	41.2822 ng/g	Conforms to EPA/AHPA
NC	Bis(4-methyl-2-pentyl) phthalate (GC)	3.126089 ng/g	Conforms to EPA/AHPA

Customer : Blueprint Bryan Johnson		Report Number : 25-010656	Report Date : 03/18/2025
Billing Code	Analysis - Method	Result	Spec
NC	Bis(2-ethoxyethyl) phthalate (GC)	ND (LOD is 2 ng/g)	Conforms to EPA/AHPA
NC	Dipentyl phthalate (GC)	ND (LOD is 1 ng/g)	Conforms to EPA/AHPA
NC	Dihexyl phthalate (GC)	ND (LOD is 1.2 ng/g)	Conforms to EPA/AHPA
NC	Benzyl phthalate (GC)	ND (LOD is 2 ng/g)	Conforms to EPA/AHPA
NC	Dicyclohexyl phthalate (DCHP) (GC)	ND (LOD is 2 ng/g)	Conforms to EPA/AHPA
NC	Bis(2-ethylhexyl) phthalate (GC)	ND (LOD is 0.8 ng/g)	Conforms to EPA/AHPA
NC	Di-n-octyl phthalate (DNOP) (GC)	ND (LOD is 2 ng/g)	Conforms to EPA/AHPA
CREA01	Creatine (HPLC)	3388.46mg/14.47g	>2197.96mg /14.47g
		Test Note: SOP: 3.1.73	
GLU09	Glutathione Reduced (HPLC) SOP 3.1.73	255.48mg/14.47g	>250mg/14.47g
ICPMG06	Magnesium (Mg) ICP-OES SOP 3.12.4	170.48 mg/14.47g	Report Only
ICPNA5	Sodium (Na) ICP-OES SOP 3.12.4	21.44 mg/14.47g	Report Only
LTHE02	Theanine HPLC SOP 3.1.2	209.92mg/14.47g	>=200mg/14.47g
VITC04	Vitamin C (as Ascorbic Acid) HPLC SOP 3.1.111	281.94 mg/14.47g	>=250 mg/14.47g
HYA02	Hyaluronic Acid (EH-HPLC) JAOAC2007	120.55mg/14.47g	>120mg/14.47g
GLY06	Glyphosate (LC/MS)	Not Detected (LOD < 0.1 ppm)	Report Only
		Test Note: Test performed at CG Burbank. Test Method: MQLTM-1188 by LCMS.	
LLYS02	Lysine HCL (HPLC) SOP 3.1.2	1308.56mg/14.47g	1000mg/14.47g
AFL11	Aflatoxin (LC-MS/MS)	Not Detected, <5 ppb	
NC	Aflatoxin LC/MS B1	Not Detected, <5 ppb	
NC	Aflatoxin LC/MS B2	Not Detected, <5 ppb	
NC	Aflatoxin LC/MS G1	Not Detected, <5 ppb	
NC	Aflatoxin LC/MS G2	Not Detected, <5 ppb	
HMS35	Heavy Metal Screen 4 - ICPMS: As, Cd, Hg, Pb	Complete	
NC	Arsenic (As) ICP-MS	0.024 ppm	Report only

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Billing Code	Analysis - Method	Result	Spec
NC	Cadmium (Cd) ICP-MS	0.007 ppm	Report only
NC	Lead (Pb) ICP-MS	0.011 ppm	Report only
NC	Mercury (Hg) ICP-MS	0.003 ppm	Report only

Sample Temperature Upon Receipt : 25.0 deg C

Remarks : Corrected COA - Amino Acid Results Corrected from Serving Size of 14.55 g to Serving Size of 14.75 g
1/31/2025 5:31 PM CR
Revised COA - Glucosamine Sulfate Spec Updated Per Client Request
2/18/2025 10:11 AM CR

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Approved By : Katerina Baldwin, Laboratory Directory

Signature : 