



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**

Lab # : **001**

Lot # : **HI25-027-01/ HI25000006 MFG**
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/14.55g
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
GLU09	Glutathione Reduced (HPLC) SOP 3.1.73	353.99mg/14.55g	Test Note: SOP:3.1.73		>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
HYA02	Hyaluronic Acid (EH-HPLC) JAOAC2007	123.20mg/14.55g	Test Note: Test performed at CG Burbank. Test Method: MQLTM-1188 by LCMS.		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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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.

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.

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

Approved By : Katerina Baldwin, Laboratory Directory

Signature : 