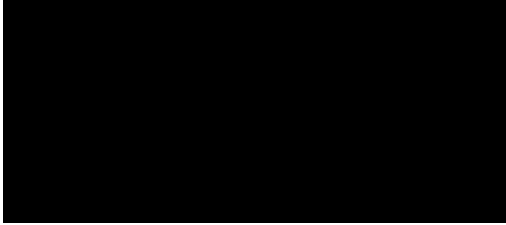


Certificate of Analysis (COA)

Report Number: 24-036270
Report Date : 01/25/2024

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



Samples Received : 01/19/2024
Start of Testing : 01/19/2024
PO Number : 011824-01CT

Sample Name : GLUCOSAMINE HCL
Item # : 81700149
Lab # : 001
Lot # : 011724-04

Test Code	Analysis - Method	Result	Spec
NC	Total Aerobic Microbial Count (USP 2021)	<10 CFU/G	=< 1,000 CFU/g
NC	Yeast Count (USP 2021)	<10 CFU/G	=< 100 CFU/g
NC	Mold Count (USP 2021)	<10 CFU/G	=< 100 CFU/g
USPC20	4 Method Bundle with USP 2021/2022	Completed	
NC	E. coli (USP 2022)	Absent	Negative
NC	Salmonella species (USP 2022)	Absent	Negative
GHCL04	Glucosamine (HPLC) SOP 3.1.2	83.02% on dried basis	NLT 81% on dried basis
GHCL01	Glucosamine HCL (HPLC) SOP 3.1.2	99.92% on dried basis	98.0-102.0% on dried basis
MOIC01	Moisture Content (Loss On Drying) USP	0.43%	N/A
INAS01	Inorganic Arsenic USP<211>	Not Detected (<0.001 ppm)	NMT 1.5 ppm
HMS35	Heavy Metal Screen 4 - ICPMS: As, Cd, Hg, Pb	Complete	
NC	Cadmium (Cd) ICP-MS	0.053 ppm	< 0.5 ppm
NC	Lead (Pb) ICP-MS	0.134 ppm	< 0.5 ppm
NC	Mercury (Hg) ICP-MS	0.005 ppm	< 0.2 ppm

Customer : Garmon Company	Report Number : 24-036270	Report Date : 01/25/2024
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Billing Code	Analysis - Method	Result	Spec
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Sample Temperature Upon Receipt :

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.

First Approval By : Brianda Padilla

Signature : 

Second Approval By : Grace.Llewellyn

Signature : 