

## Certificate of Analysis (COA)

**Report Number: 23-600905**

**Report Date : 12/05/2023**

**Samples Received : 11/15/2023**

**Start of Testing : 11/15/2023**

**PO Number : 11102023**

**Item # : 11024**

**Lot # : 101123-52902 RM-23-0051**

**Lab # : 001**

Test Code	Analysis - Method	Result	Spec
NC	Yeast Count (USP 2021)	<10 CFU/G	< 100 cfu/g
NC	Mold Count (USP 2021)	<10 CFU/G	< 100 cfu/g
NC	Total Aerobic Microbial Count (USP 2021)	<10 CFU/G	< 1000 cfu/g
USPC17	5 Method Bundle with USP 2021/2022 (no coliform)	<b>Completed</b>	
NC	E. coli (USP 2022)	<b>Absent</b>	Absent/10g
NC	Salmonella species (USP 2022)	<b>Absent</b>	Absent/25g
NC	Staphylococcus aureus (USP 2022)	<b>Absent</b>	Absent/10g
COF01	Cocoa Flavonols (HPLC) ALC127A	<b>10.49%</b>	7.5-10.0%
IDFTIR	Identification FT/IR USP	<b>Cocoa ID Confirmed</b>	Conforms
HMS35	Heavy Metal Screen 4 - ICPMS: As, Cd, Hg, Pb	<b>Complete</b>	
NC	Arsenic (As) ICP-MS	<b>0.058 ppm</b>	< 1 ppm
NC	Cadmium (Cd) ICP-MS	<b>0.553 ppm</b>	< 0.5 ppm
NC	Lead (Pb) ICP-MS	<b>0.061 ppm</b>	< 0.5 ppm
NC	Mercury (Hg) ICP-MS	<b>0.061 ppm</b>	< 0.2 ppm

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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](mailto: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 : Yonnie Bai

Second Approval By : Van Nguyen

 Signature : 

 Signature : 