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Certificate of Analysis

Client Information

Elite Manufacturing and Packaging
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Sample Information

ARL ID: 234696
 Date Received: 4/19/2018
 Description: TL Collagen Hydrolysate Chocolate
 Lot#: 18041857

| Analysis | Method | MDL | Specification | Results | UOM |
|---------------------------------|----------------|--------|---------------|---------------|-----------|
| Complete Micro Profile, HM, Org | USP, AOAC | | | | |
| Total Plate Count | USP <2021> | 100 | Record Only | None Detected | cfu's/g |
| Coliforms | AOAC 991.14 | 10 | Record Only | None Detected | cfu's/g |
| E. coli | USP <2022> | Absent | Record Only | Absent | cfu's/g |
| Staphylococcus aureus | USP <2022> | Absent | Record Only | Absent | cfu's/g |
| Salmonella | USP <2022> | Absent | Record Only | Absent | cfu's/10g |
| Yeast (Rapid) | AOAC RI | 100 | Record Only | None Detected | cfu's/g |
| Mold (Rapid) | AOAC RI | 100 | Record Only | None Detected | cfu's/g |
| Heavy Metals* | ARL ICPMS 2.60 | | | | |
| Arsenic (As)* | ARL ICPMS 2.60 | 0.001 | Record Only | 0.110 | ppm |
| Cadmium (Cd)* | ARL ICPMS 2.60 | 0.001 | Record Only | 0.023 | ppm |
| Lead (Pb)* | ARL ICPMS 2.60 | 0.001 | Record Only | 0.150 | ppm |
| Mercury (Hg)* | ARL ICPMS 2.60 | 0.001 | Record Only | 0.004 | ppm |
| ID-FTIR | FTIR | | | | |
| Appearance | ARL 2.03 | | Record Only | Powder | |
| Color | ARL 2.03 | | Record Only | Brown | |
| Odor | ARL 2.03 | | Record Only | Chocolate | |
| FT-IR Analysis | FT-IR 2.04 | 0.1 | > 95 | N/A | % |

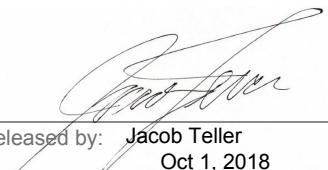
Notes:

*New sample information added to FTIR library.

Form# arlcoa031201a

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experience • professionalism • value

Released by:  Jacob Teller

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* ARL is an ISO/IEC 17025:2005 Accredited Laboratory. Certificate and Supplement available upon request.

This Certificate of Analysis represents data only for the sample provided and does not constitute a guarantee of quality for the entire production lot.