

Certificate of Analysis

Client Information

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Sample Information

ARL ID: [REDACTED]
Date Received: 7/24/2023
Date Tested: 7/27/2023
Description: TPL PRE BULK BLACK Black Cherry (30 SERV) EMP General
Lot#: 23070640
Serving Size: 21.2000 g

Results

| Analysis | Method | [†] MDL / LOQ | Specification | Results | UOM | Lab ID |
|---|-------------------|------------------------|--------------------|---------------|-------------|--------|
| <u>Complete Micro Profile, HM (Rapid)</u> | USP, AOAC, ICP-MS | | | | | 1 |
| Total Plate Count | USP <2021> | 100 | Record Only | None Detected | cfu's/g | 1 |
| Coliforms | AOAC 991.14 | 10 | Record Only | None Detected | cfu's/g | 1 |
| E. coli | USP <2022> | Absent | Record Only | Absent | cfu's/10g | 1 |
| Staphylococcus aureus | USP <2022> | Absent | Record Only | Absent | cfu's/10g | 1 |
| Salmonella | USP <2022> | Absent | Record Only | Absent | cfu's/10g | 1 |
| Yeast and Mold (Rapid) | AOAC 2014.05 | 100 | Record Record Only | None Detected | cfu's/g | 1 |
| <u>Heavy Metals</u> | ARL ICPMS 8.016 | | | | | 1 |
| Arsenic (As) | ARL ICPMS 8.016 | 0.001 | < 10 | 0.236 | mcg/Serving | 1 |
| Cadmium (Cd) | ARL ICPMS 8.016 | 0.001 | < 4.1 | 0.045 | mcg/Serving | 1 |
| Mercury (Hg) | ARL ICPMS 8.016 | 0.001 | < 10 | 0.022 | mcg/Serving | 1 |
| Lead (Pb) | ARL ICPMS 8.016 | 0.001 | < 0.5 | 0.421 | mcg/Serving | 1 |

[†]Method Detection Limit (MDL):

In microbiological testing, this is the minimum level of growth that can be detected with confidence. If a result is reported as "None Detected", it means any visible growth was below this limit.

[†]Limit of Quantitation (LOQ):

In analytical chemistry testing, this is the minimum level of the desired analyte that can be quantified with confidence. If a result is reported as less than LOQ, it means any detected amount was too small to report an exact number.



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|----------|--------|------------------------|---------------|---------|-----|--------|
|----------|--------|------------------------|---------------|---------|-----|--------|

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