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Portland, OR 97230
503-254-1794



Job Number: 19-003167
Report Number: 19-003167-00
Report Date: 04/02/2019
ORELAP#: OR100028
Purchase Order:
Received: 03/25/19 14:50

This report cannot be used for ODA, OHA or OLCC compliance requirements.

Product identity: CBD Classic Dark Large Bar Batch #19077 **Client/Metric ID:**
Laboratory ID: 19-003167-0005 **Sample Date:**

Summary

Microbiology:

Less than LOQ for all analytes.



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Customer: Sovereign Medicinals Inc
4207 SE Woodstock Blvd #507
Portland Oregon 97206
United States

Product identity: CBD Classic Dark Large Bar Batch #19077

Client/Metric ID: .

Sample Date:

Laboratory ID: 19-003167-0005

Relinquished by: Tait Christensen

Temp: 15.9 °C

Sample Results

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	1902480	03/27/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1902480	03/27/19	AOAC 991.14 (Petrifilm)	X
Mold	< LOQ		cfu/g	10	1902479	03/29/19	AOAC 997.02 (Petrifilm)	X
Yeast	< LOQ		cfu/g	10	1902479	03/29/19	AOAC 997.02 (Petrifilm)	X



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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Units of Measure

cfu/g = Colony forming units per gram

% wt = $\mu\text{g/g}$ divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitaion level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.