

Analytical Test Report

Client: PJ Smith Enterprises	Final Report MCR-S1812126 Rev.01.00 Report Date: 6 AUGUST 2018	Laboratory: MCR Labs 85 Speen St. Lower Level Framingham, MA 01701 508-872-6666
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Sample ID #	Sample Name	Batch	Matrix	Date Received	Date Tested	Sample Weight
MCR-S18-12126	GL-1008	N/A	Concentrate	30 July 2018	31 July-03 August 2018	N/A

The test results presented in this report are accurate, complete, and compliant with the MCR Labs quality control criteria.

Requested Testing:

Test	Code	Procedure	Analytes Tested
Microbiological Screen	MB	MCR-TM-0006	Bacterial (Total Aerobic, Total Coliform, Bile-Tolerant Gram Negative), Yeast and Mold, Pathogenic (E. coli, Salmonella)
Mycotoxin Screen	MY	MCR-TM-0009	Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Ochratoxin A
Volatile Organics Screen	VC	MCR-TM-0007	Ethanol, Propane, Isobutane, N-butane, Hexane

Microbiological Screen [MCR-TM-0006] Analyst: AL Test Date: 31 Jul - 03 Aug 18

The sample was analyzed for microbiological contaminants via an automated Most Probable Number (MPN) methodology with cultured enrichments.

Test ID	Test Analysis	Results	Unit	Limits
18-12126-AC	Total Viable Aerobic Bacteria	<100	CFU/g	10 ⁴ CFU/g
18-12126-YM	Total Yeast and Mold	<100	CFU/g	10 ³ CFU/g
18-12126-CC	Total Coliforms	<100	CFU/g	10 ² CFU/g
18-12126-EB	Total Bile-Tolerant Gram Negative Bacteria	<100	CFU/g	10 ² CFU/g

Note: CFU = colony forming unit. Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 6.

Pathogenic Bacterial Screen [MCR-TM-0006] Analyst: AL Test Date: 01 Aug 18

The sample was analyzed for pathogenic bacterial contamination via an automated Enzyme Linked Fluorescent Assay (ELFA).

Test ID	Test Analysis	Result	Units	Limits
18-12126-ECPT	<i>E. coli</i> (O157)	Negative	N/A	Not Detected in 1 g
18-12126-SPT	<i>Salmonella</i>	Negative	N/A	Not Detected in 1 g

Note: Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 6. NT = Not tested.

Mycotoxin Screen [MCR-TM-0009]*Analyst: RC**Test Date: 01 Aug 18*

The sample was analyzed via Liquid Chromatography - Tandem Mass Spectrometry (LC-MS/MS). The collected data was compared to data collected from analytical reference standards at known concentrations.

Test ID	Test Analysis	Result	LOD (ppb)	Limits (ppb)
18-12126-MY	<i>Mycotoxin</i>	Negative	20	20

Note: ND = Not Detected; LOD = Limit of Detection; ppb = part per billion. Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 6.

VC Screen [MCR-TM-0007]*Analyst: RC**Test Date: 01 Aug 18*

The sample was analyzed via Gas Chromatography – Flame Ionization Detection with Headspace Autosampler. The collected data was compared to data collected from certified analytical reference standards at known concentrations.

Test ID	Analyte	Result, ppm	LOD	LOQ	Limits, ppm
18-12126-VC	Propane	BQL	2.3	7.6	12
18-12126-VC	Isobutane	ND	2.6	8.6	12
18-12126-VC	n-Butane	BQL	2.5	8.3	12
18-12126-VC	Hexane	BQL	1.6	5.3	290
18-12126-VC	Ethanol	ND	112	372	5000

Note: ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation; BQL = Below Quantitation Limit; ppm = part per million. Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 7. The uncertainty budget for ethanol is 0.15 ppm; propane is 0.12 ppm; isobutane is 0.11 ppm; n-Butane is 0.10 ppm.

END OF REPORT