



Certificate of Analysis

Compliance Test

Client Information:

Royal Mushroom

1455 Commerce PL

Myrtle Beach, South Carolina 29577

Batch # 2401LMCRNS
Batch Date: 2024-01-10
Extracted From: hemp

Order # GRO240110-060001

Order Date: 2024-01-10

Sample # AAFE895

Serving Number: 2.00000

Sampling Date: 2024-01-11

Lab Batch Date: 2024-01-11

Orig. Completion Date: 2024-01-23

Initial Gross Weight: 10.018 g

Number of Units: 1

Net Weight per Package: 4800.000 mg

Sampling Method: MSP 7.3.1

Statement of Amendment: Report format



Total Beta & Alpha
Glucans
Tested

H Heavy Metals
Passed

Total Beta & Alpha Glucans

Specimen Weight: 110.500 mg

Dilution Factor: 100.000

Tested

SOP-011 (UV
Spectrophotometer)

Analyte	LOQ (%)	Result (mg/g)	Analyte	LOQ (%)	Result (mg/g)
Alpha-glucan	1	47.3455	Total glucan	1	53.6212
Beta-glucan	1	6.2757			

Prep. By: N/A Date: 2024-02-07 11:57:52

Analyzed By: N/A Date: 2024-02-07 11:57:52

Reviewed By: N/A Date: 2024-02-07 11:57:52

Lab Batch #: AAFE895-504 Date: 2024-02-07 11:57:52

H Heavy Metals

Specimen Weight: 245.600 mg

Dilution Factor: 203

Passed

SOP13.048 (ICP-MS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	200	<LOQ	Lead (Pb)	.58	100	500	<LOQ
Cadmium (Cd)	.64	100	200	<LOQ	Mercury (Hg)	11.76	100	200	<LOQ

Prep. By: 1264 Date: 2024-01-12 20:12:59

Analyzed By: 1264 Date: 2024-01-12 20:12:59

Reviewed By: 1256 Date: 2024-01-12 17:49:46

Lab Batch #: AAFE895-4 Date: 2024-01-12 17:49:46

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity. ACS uses simple acceptance criteria for contaminant panels. Passed - contaminant analytes/microbes are not detected or are at the level below the action limit per FL rule 5K-4.034. Failed - contaminant analytes/microbes are at the level that is equal to or above the action limit per FL rule 5K-4.034. Sample not received via laboratory sampling. Please note that the analysis and sample image were conducted by an external laboratory. All test results are included in this COA for your reference. External testing COA is available upon request. Revised report- see statement of amendment above.

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