



Certificate of Analysis

Compliance Test

Client Information:

Royal Mushroom
1455 Commerce PL
Myrtle Beach, South Carolina 29577

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

Order # GRO240110-060001
Order Date: 2024-01-10
Sample # AAFE898
Serving Number: 2.00000

Sampling Date: 2024-01-11
Lab Batch Date: 2024-01-11
Orig. Completion Date: 2024-01-23

Initial Gross Weight: 9.237 g

Number of Units: 1
Net Weight per Package: 4200.000 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: 109.900 mg
Dilution Factor: 100.000

Tested
SOP-011 (UV Spectrophotometer)

H Heavy Metals
Specimen Weight: 248.600 mg
Dilution Factor: 201

Passed
SOP13.048 (ICP-MS)

Analyte	LOQ (%)	Result (mg/g)
Alpha-glucan	1	30.7688
Beta-glucan	1	20.5516

Analyte	LOQ (%)	Result (mg/g)
Total glucan	1	51.3204

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	200	<LOQ
Cadmium (Cd)	.64	100	200	<LOQ

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Lead (Pb)	.58	100	500	<LOQ
Mercury (Hg)	11.76	100	200	<LOQ

Prep. By: N/A Date: 2024-02-07 12:56:49

Analyzed By: N/A Date: 2024-02-07 12:56:49

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

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

Reviewed By: N/A Date: 2024-02-07 12:56:49

Lab Batch #: AAFE898-504 Date: 2024-02-07 12:56:49

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

Lab Batch #: AAFE898-4 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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