



Certificate of Analysis

Compliance Test

Client Information:

Royal Mushroom
1455 Commerce PL
Myrtle Beach, South Carolina 29577

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

Order # GRO240110-060001
Order Date: 2024-01-10
Sample # AAFE900
Serving Number: 2.00000

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

Initial Gross Weight: 9.666 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: 98.200 mg
Dilution Factor: 100.000

Tested
SOP-011 (UV
Spectrophotometer)

H Heavy Metals
Specimen Weight: 245.100 mg
Dilution Factor: 203

Passed
SOP13.048 (ICP-MS)

Analyte	LOQ (%)	Result (mg/g)
Alpha-glucan	1	30.0552
Beta-glucan	1	17.8366

Analyte	LOQ (%)	Result (mg/g)
Total glucan	1	47.8918

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: N/A Date: 2024-02-07 13:11:11

Analyzed By: N/A Date: 2024-02-07 13:11:11

Prep. By: 1264 Date: 2024-01-12 20:12:59
Reviewed By: 1256 Date: 2024-01-12 17:49:46

Reviewed By: N/A Date: 2024-02-07 13:11:11

Lab Batch #: AAFE900-504 Date: 2024-02-07 13:11:11

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.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The tests and/or calibrations marked with an "*" are not ISO/IEC 17025:2017 accredited test results.