



**Certificate of Analysis**

Compliance Test

Client Information:

**Royal Mushroom**

1455 Commerce PL

Myrtle Beach, South Carolina 29577

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

Order # GRO240110-060001

Order Date: 2024-01-10

Sample # AAFE896

Serving Number: 2.00000

Sampling Date: 2024-01-11

Lab Batch Date: 2024-01-11

Orig. Completion Date: 2024-01-23

Initial Gross Weight: 9.828 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: 92.900 mg

Dilution Factor: 100.000

**Tested**

SOP-011 (UV  
Spectrophotometer)

Analyte	LOQ (%)	Result (mg/g)	Analyte	LOQ (%)	Result (mg/g)
Alpha-glucan	1	41.2216	Total glucan	1	53.0879
Beta-glucan	1	11.8662			

Prep. By: N/A Date: 2024-02-07 11:59:54

Analyzed By: N/A Date: 2024-02-07 11:59:54

Reviewed By: N/A Date: 2024-02-07 11:59:54

Lab Batch #: AAFE896-504 Date: 2024-02-07 11:59:54

**H** Heavy Metals

Specimen Weight: 248.600 mg

Dilution Factor: 201

**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 #: AAFE896-4 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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