



FR-QA-2.36GL - CERTIFICATE OF ANALYSIS

Issued: 11/16/22

Version: 1

COMPANY NAME Atlantic Candy Co  
 ADDRESS 115 Whetstone Place  
 DATE 12/07/23  
 PRODUCT DESCRIPTION Charlotte's Web Sleep Gummy (serving: 2 gummies)  
 BATCH/LOT CODE 231107-58109-06  
 MANUFACTURE DATE 07NOV23  
 BEST BY/EXPIRATION DATE 05/25

**Organoleptic and Physical- PASS/FAIL**

Test	Specification	Method	Result
Odor	Light Raspberry and Hemp, Sweet Smell	Organoleptic	Pass
Visual	Dark /Deep Red Color	Organoleptic	Pass
Visual	No Visual Inconsistencies	Organoleptic	Pass
Visual	Cube or Gum Drop Shape	Organoleptic	Cube
Visual	Free of Foreign Material	Organoleptic	Pass
Visual	4g +/- 0.4g Weight Per Gummy	Organoleptic	Pass
Water Activity	No More Than 0.7	AMTAST WA-60AB	.66

**Potency / Assay - PASS/FAIL**

Test	Specification	Method	Result
CBDA	No More Than 0.3%	TM 14 (HPLC-DAD) <sup>1</sup>	ND
CBD	10-13 mg per Serving	TM 14 (HPLC-DAD) <sup>1</sup>	11mg
Total Delta-9 THC + THC	No More Than 0.3%	TM 14 (HPLC-DAD) <sup>1</sup>	ND
Melatonin	3-4mg per serving	STM-7.18 (HPLC-UV)	3.7mg/serving

**Microbiology - PASS/FAIL**

Test	Specification	Method	Result
Salmonella spp.	Absent in 25g	AOAC-RI 121501	Absent
Escherichia coli	<10 CFU/g	AOAC 991.14	<10cfu/g
Total Aerobic Plate Count	<10,000 CFU/g	AOAC 966.23	<10cfu/g
Total Yeast & Molds	<1,000 CFU/g	FDA BAM Chapter 18 Mod.	<20cfu/g
Total Coliforms	<100 CFU/g	AOAC 991.14	<10cfu/g

**Chemistry - PASS/FAIL**

Test	Specification	Method	Result
Heavy Metals	Pass/Fail	Method 2011.19 and 993.14 AOAC Intl	Pass
Mycotoxins	Pass/Fail	UHPLC-MS/MS	Pass
Cat. I Residual Solvents	Pass/Fail	Internationally Developed Method - Eurofins	Pass
Cat. II Residual Solvents	Pass/Fail	Internationally Developed Method - Eurofins	Pass
Cat. I Residual Pesticides	Pass/Fail	AOAC Official Method 2007.01	Pass
Cat. II Residual Pesticides	Pass/Fail	AOAC Official Method 2007.01	Pass
Other Residual Pesticides	Pass/Fail	AOAC Official Method 2007.01/Monsant Method ME-1466-02	Pass

<sup>1</sup> Testing performed by contract laboratory, Botanacor Laboratories <sup>2</sup> Testing performed by contract laboratory, Eurofins  
 ND = Not detected LOQ = limit of quantification LOD = limit of detection

All chemical and microbiological analysis were performed by a third-party laboratory as indicated. Third party laboratory COAs are maintained on file. This item was produced under Good Manufacturing Practices and is fit for human consumption.

*Carrell Rains QAL*  
 Prepared by: Name / Title  
*Carrell Rains QAL 23/2023*  
 Signature / Date

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