

KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

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## **Gummy Bears**

Sample ID: SA-221013-12967 Batch: Type: Finished Products Matrix: Edible - Gummy Unit Mass (g): 10.27507

Received: 10/13/2022 Completed: 10/21/2022 Client

EXPERIENCE CBD 1455 Commerce Place Myrtle Beach, SC 29577 USA





#### Summary

Test	Date Tested	Status
Cannabinoids	10/17/2022	Tested
Heavy Metals	10/21/2022	Tested
Microbials	10/21/2022	Tested
Pesticides	10/20/2022	Tested

ND	0.166 %	0.166 %	Not Tested	Not Tested	Yes
Total ∆9-THC	CBD	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

# Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/unit)
СВС	0.00095	0.00284	ND	ND
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	0.166	17.0
CBDA	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	ND	ND
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	ND	ND
CBGA	0.00049	0.00147	ND	ND
CBL	0.00112	0.00335	ND	ND
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	ND	ND
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	ND	ND
∆8-THC	0.00104	0.00312	ND	ND
Δ9-THC	0.00076	0.00227	ND	ND
∆9-THCA	0.00084 -	- 0.00251		ND
Δ9-THCV	0.00069	0.00206	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND
Total ∆9-THC			ND	ND
Total CBD			0.166	17.0
Total			0.166	17.0

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit;  $\Delta$  = Delta; Total  $\Delta$ 9-THC =  $\Delta$ 9-THCA \* 0.877 +  $\Delta$ 9-THC; Total CBD = CBDA \* 0.877 + CBD;

Generated By: Ryan Bellone CCO Date: 10/21/2022

Tested By: Nicholas Howard Scientist Date: 10/17/2022



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.



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## Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	
Arsenic	2	20	ND	
Cadmium	1	20	ND	
Lead	2	20	ND	
Mercury	12	50	ND	

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone CCO Date: 10/21/2022

Tested By: Kelsey Rogers

Fested By: Kelsey Rogers Scientist Date: 10/21/2022



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# Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	30	100	ND	Imidacloprid	30	100	ND
Azoxystrobin	30	100	ND	Kresoxim methyl	30	100	ND
Bifenazate	30	100	ND	Malathion	30	100	ND
Bifenthrin	30	100	ND	Metalaxyl	30	100	ND
Boscalid	30	100	ND	Methiocarb	30	100	ND
Carbaryl	30	100	ND	Methomyl	30	100	ND
Carbofuran	30	100	ND	Mevinphos	30	100	ND
Chloranthraniliprole	30	100	ND	Myclobutanil	30	100	ND
Chlorfenapyr	30	100	ND	Naled	30	100	ND
Chlorpyrifos	30	100	ND	Oxamyl	30	100	ND
Clofentezine	30	100	ND	Paclobutrazol	30	100	ND
Coumaphos	30	100	ND	Permethrin	30	100	ND
Daminozide	30	100	ND	Phosmet	30	100	ND
Diazinon	30	100	ND	Piperonyl Butoxide	30	100	ND
Dichlorvos	30	100	ND	Prallethrin	30	100	ND
Dimethoate	30	100	ND	Propiconazole	30	100	ND
Dimethomorph	30	100	ND	Propoxur	30	100	ND
Ethoprophos	30	100	ND	Pyrethrins	30	100	ND
Etofenprox	30	100	ND	Pyridaben	30	100	ND
Etoxazole	30	100	ND	Spinetoram	30	100	ND
Fenhexamid	30	100		Spinosad –	30	100	ND
Fenoxycarb	30	100	ND -	Spiromesifen	30	100	ND
Fenpyroximate	30	100	ND	Spirotetramat	30	100	ND
=ipronil	30	100	ND	Spiroxamine	30	100	ND
Flonicamid	30	100	ND	Tebuconazole	30	100	ND
=ludioxonil	30	100	ND	Thiacloprid	30	100	ND
				Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit -

Generated By: Ryan Bellone CCO Date: 10/21/2022

Testéd By: Jared Burkhart Technical Manager Date: 10/20/2022



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# **Microbials by PCR and Plating**

Analyte	LOD (CFU/g)	Result (CFU/g)
Total aerobic count	1	ND
Total coliforms	1	ND
Generic E. coli	1	ND
Salmonella spp.	1	ND
Shiga-toxin producing E. coli (STEC)	1	ND

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# d o

Generated By: Ryan Bellone CCO Date: 10/21/2022

Tested By: Lucy Jones

Scientist Date: 10/21/2022



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