SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 10/02/2024

SAMPLE NAME: The Remedy Gum Drops - Relax
Infused, Hemp

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR
Business Name: Lonestar Farms LLC
License Number: 0829775
Address: 15004 Cavalier Canyon Dr Unit C
Austin TX 78734

SAMPLE DETAIL
Batch Number: 1101
Sample ID: 240920M031

Date Collected: 09/20/2024
Date Received: 09/20/2024
Batch Size:
Sample Size: 1.0 units
Unit Mass:
Serving Size: 6 grams per Serving

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 0.171 mg/g

Total CBD: 2.131 mg/g

Sum of Cannabinoids: 2.476 mg/g

Total Cannabinoids: 2.476 mg/g

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
Total THC = Δ^9-THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN
Total Cannabinoids = (Δ^9-THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + Δ^8-THC + CBL + CBN

SAFETY ANALYSIS - SUMMARY

Pesticides: ND

Heavy Metals: ND

Microbiology (PCR): ND

Microbiology (Plating): ND

LQC verified by: Michael Pham
Job Title: Senior Laboratory Analyst
Date: 10/02/2024

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 10/02/2024

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

Amendment to Certificate of Analysis 240920M031-001

Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 0.171 mg/g
Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 2.131 mg/g
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 2.476 mg/g
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + CBL + CBN

TOTAL CBG: 0.043 mg/g
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.103 mg/g
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.020 mg/g
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 09/24/2024

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.004 / 0.011*	*±0.0795*	2.131	0.2131
Δ^9-THC	*0.002 / 0.014*	*±0.0094*	0.171	0.0171
CBC	*0.003 / 0.010*	*±0.0033*	0.103	0.0103
CBG	*0.002 / 0.006*	*±0.0021*	0.043	0.0043
CBDV	*0.002 / 0.012*	*±0.0008*	0.020	0.0020
CBN	*0.001 / 0.007*	*±0.0002*	0.008	0.0008
Δ^8-THC	*0.01 / 0.02*	*N/A*	ND	ND
THCa	*0.001 / 0.005*	*N/A*	ND	ND
THCV	*0.002 / 0.012*	*N/A*	ND	ND
THCVa	*0.002 / 0.019*	*N/A*	ND	ND
CBDa	*0.001 / 0.026*	*N/A*	ND	ND
CBDVa	*0.001 / 0.018*	*N/A*	ND	ND
CBGa	*0.002 / 0.007*	*N/A*	ND	ND
CBL	*0.003 / 0.010*	*N/A*	ND	ND
CBCa	*0.001 / 0.015*	*N/A*	ND	ND
SUM OF CANNABINOIDS			2.476 mg/g	0.2476%

Serving Size: 6 grams per Serving

Δ^9-THC per Serving	1.026 mg/serving
Total THC per Serving	1.026 mg/serving
CBD per Serving	12.786 mg/serving
Total CBD per Serving	12.786 mg/serving
Sum of Cannabinoids per Serving	14.856 mg/serving
Total Cannabinoids per Serving	14.856 mg/serving

Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

PESTICIDE TEST RESULTS - 10/02/2024 **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Abamectin	*0.03 / 0.10*	*N/A*	ND
Acephate	*0.02 / 0.07*	*N/A*	ND
Acequinocyl	*0.02 / 0.07*	*N/A*	ND
Acetamiprid	*0.02 / 0.05*	*N/A*	ND
Aldicarb	*0.03 / 0.08*	*N/A*	ND
Azoxystrobin	*0.02 / 0.07*	*N/A*	ND
Bifenazate	*0.01 / 0.04*	*N/A*	ND
Bifenthrin	*0.02 / 0.05*	*N/A*	ND
Boscalid	*0.03 / 0.09*	*N/A*	ND
Captan	*0.19 / 0.57*	*N/A*	ND
Carbaryl	*0.02 / 0.06*	*N/A*	ND

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 10/02/2024 *continued* **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Carbofuran	*0.02 / 0.05*	*N/A*	ND
Chlorantraniliprole	*0.04 / 0.12*	*N/A*	ND
Chlordane*	*0.03 / 0.08*	*N/A*	ND
Chlorfenapyr*	*0.03 / 0.10*	*N/A*	ND
Chlorpyrifos	*0.02 / 0.06*	*N/A*	ND
Clofentezine	*0.03 / 0.09*	*N/A*	ND
Coumaphos	*0.02 / 0.07*	*N/A*	ND
Cyfluthrin	*0.12 / 0.38*	*N/A*	ND
Cypermethrin	*0.11 / 0.32*	*N/A*	ND
Daminozide	*0.02 / 0.07*	*N/A*	ND
Diazinon	*0.02 / 0.05*	*N/A*	ND
Dichlorvos (DDVP)	*0.03 / 0.09*	*N/A*	ND
Dimethoate	*0.03 / 0.08*	*N/A*	ND
Dimethomorph	*0.03 / 0.09*	*N/A*	ND
Ethoprophos	*0.03 / 0.10*	*N/A*	ND
Etofenprox	*0.02 / 0.06*	*N/A*	ND
Etoxazole	*0.02 / 0.06*	*N/A*	ND
Fenhexamid	*0.03 / 0.09*	*N/A*	ND
Fenoxycarb	*0.03 / 0.08*	*N/A*	ND
Fenpyroximate	*0.02 / 0.06*	*N/A*	ND
Fipronil	*0.03 / 0.08*	*N/A*	ND
Flonicamid	*0.03 / 0.10*	*N/A*	ND
Fludioxonil	*0.03 / 0.10*	*N/A*	ND
Hexythiazox	*0.02 / 0.07*	*N/A*	ND
Imazalil	*0.02 / 0.06*	*N/A*	ND
Imidacloprid	*0.04 / 0.11*	*N/A*	ND
Kresoxim-methyl	*0.02 / 0.07*	*N/A*	ND
Malathion	*0.03 / 0.09*	*N/A*	ND
Metalaxyl	*0.02 / 0.07*	*N/A*	ND
Methiocarb	*0.02 / 0.07*	*N/A*	ND
Methomyl	*0.03 / 0.10*	*N/A*	ND
Mevinphos	*0.03 / 0.09*	*N/A*	ND
Myclobutanil	*0.03 / 0.09*	*N/A*	ND
Naled	*0.02 / 0.07*	*N/A*	ND
Oxamyl	*0.04 / 0.11*	*N/A*	ND
Paclobutrazol	*0.02 / 0.05*	*N/A*	ND
Parathion-methyl	*0.03 / 0.10*	*N/A*	ND
Pentachloronitro-benzene (Quintozene)*	*0.03 / 0.09*	*N/A*	ND
Permethrin	*0.04 / 0.12*	*N/A*	ND
Phosmet	*0.03 / 0.10*	*N/A*	ND
Piperonyl Butoxide	*0.02 / 0.07*	*N/A*	ND

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 10/02/2024 *continued* **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Prallethrin	*0.03 / 0.08*	*N/A*	ND
Propiconazole	*0.02 / 0.07*	*N/A*	ND
Propoxur	*0.03 / 0.09*	*N/A*	ND
Pyrethrins	*0.04 / 0.12*	*N/A*	ND
Pyridaben	*0.02 / 0.07*	*N/A*	ND
Spinetoram	*0.02 / 0.07*	*N/A*	ND
Spinosad	*0.02 / 0.07*	*N/A*	ND
Spiromesifen	*0.02 / 0.05*	*N/A*	ND
Spirotetramat	*0.02 / 0.06*	*N/A*	ND
Spiroxamine	*0.03 / 0.08*	*N/A*	ND
Tebuconazole	*0.02 / 0.07*	*N/A*	ND
Thiacloprid	*0.03 / 0.10*	*N/A*	ND
Thiamethoxam	*0.03 / 0.10*	*N/A*	ND
Trifloxystrobin	*0.03 / 0.08*	*N/A*	ND

Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 09/27/2024 **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Arsenic	*0.02 / 0.1*	*N/A*	ND
Cadmium	*0.02 / 0.05*	*N/A*	ND
Lead	*0.04 / 0.1*	*N/A*	ND
Mercury	*0.002 / 0.01*	*N/A*	ND

Microbiology Analysis

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 10/01/2024 **ND**

COMPOUND	RESULT
Shiga toxin-producing *Escherichia coli*	ND
Salmonella spp.	ND
Campylobacter spp.	ND
Yersinia spp.	ND
Staphylococcus aureus	ND

Microbiology Analysis *Continued*

MICROBIOLOGY TEST RESULTS (PLATING) - 10/01/2024 **ND**

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

Method: QSP 6794 - Plating with 3M™ Petrifilm™

COMPOUND	RESULT (cfu/g)
Total Aerobic Bacteria	ND
Total Yeast and Mold	ND

NOTES
Reason for Amendment: Add/Remove Test(s)