

PRODUCT ATTRIBUTES

Product Name:
Lot Number:
Date Produced:
Best By:
Extraction Process:
CBD Form:
☐ Full Spectrum ☐ Distillate

Lab results obtained from

☐ Full Spectrum/Distillate Blend

TESTING RESULTS



Pesticide Free



Microbials Free



Heavy Metals Free

*Total CBD (mg) per Bottle: _____

*Total CBD (mg) per Serving: _____

*Total % THC in Product:



*Results may vary when tested at different third party laboratories. Acceptable variance up to 6%.





Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 01/19/2023

SAMPLE NAME: 25mg Tension & Stress

Infused, Solid Edible

CULTIVATOR / MANUFACTURER

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: 32EAB Sample ID: 230113L098 **DISTRIBUTOR / TESTED FOR**

Business Name: License Number:

Address:

Date Collected: 01/13/2023 **Date Received:** 01/13/2023

Batch Size: Sample Size:

Unit Mass: 0.9 grams per Unit Serving Size: 0.9 grams per Serving sclabs



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 0.339 mg/unit

Total CBD: 26.535 mg/unit

Sum of Cannabinoids: 27.358 mg/unit

Total Cannabinoids: 27.354 mg/unit

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° -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

 Δ^9 -THC per Unit: \bigcirc PASS

Mycotoxins: PASS

 Δ^9 -THC per Serving: \bigcirc PASS

Residual Solvents: PASS

Pesticides: PASS

Heavy Metals: PASS

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

LQC verified by: Alexandria Bradford Job Title: Laboratory Alralyst II Date: 01/19/2023 Approved by: Josh Wurzer
Job Title: President
Date: 01/19/2023

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)









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: 0.339 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 26.535 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 27.354 mg/unit

$$\label{eq:total_constraint} \begin{split} & Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + (Total \ CBC) + (Total \ CBC) + (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{split}$$

TOTAL CBG: 0.127 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.239 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.083 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 01/14/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±1.0987	29.457	2.9457
Δ ⁹ -THC	0.002 / 0.014	±0.0207	0.377	0.0377
СВС	0.003 / 0.010	±0.0086	0.266	0.0266
CBG	0.002 / 0.006	±0.0068	0.141	0.0141
CBDV	0.002 / 0.012	±0.0038	0.092	0.0092
CBDa	0.001 / 0.026	±0.0009	0.030	0.0030
CBN	0.001 / 0.007	±0.0005	0.019	0.0019
CBL	0.003 / 0.010	±0.0006	0.016	0.0016
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
CBDVa	0.001 / 0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNA	BINOIDS		30.398 mg/g	3.0398%

Unit Mass: 0.9 grams per Unit / Serving Size: 0.9 grams per Serving

Δ^9 -THC per Unit	110 per-package limit	0.339 mg/unit	PASS
∆9-THC per Serving		0.339 mg/serving	PASS
Total THC per Unit		0.339 mg/unit	
Total THC per Serving		0.339 mg/serving	
CBD per Unit		26.511 mg/unit	
CBD per Serving		26.511 mg/serving	
Total CBD per Unit		26.535 mg/unit	
Total CBD per Serving		26.535 mg/serving	
Sum of Cannabinoids per Unit		27.358 mg/unit	
Sum of Cannabinoids per Serving		27.358 mg/serving	
Total Cannabinoids per Unit		27.354 mg/unit	
Total Cannabinoids per Serving		27.354 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.

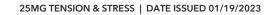
Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

PESTICIDE TEST RESULTS - 01/19/2023 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (μg/g)	RESULT
Abamectin	0.032 / 0.097	0.3	N/A	ND	PASS
Acephate	0.006 / 0.018	5	N/A	ND	PASS
Acequinocyl	0.009 / 0.027	4	N/A	ND	PASS
Acetamiprid	0.016 / 0.049	5	N/A	ND	PASS
Aldicarb	0.030 / 0.090	≥LOD	N/A	ND	PASS
Allethrin	0.030 / 0.092		N/A	ND	
Atrazine	0.006 / 0.019		N/A	ND	
Azadirachtin	0.082 / 0.248		N/A	ND	
Azoxystrobin	0.003 / 0.009	40	N/A	ND	PASS
Benzovindiflupyr	0.003 / 0.009		N/A	ND	
Bifenazate	0.003 / 0.009	5	N/A	ND	PASS
Bifenthrin	0.021 / 0.064	0.5	N/A	ND	PASS
Boscalid	0.003 / 0.009	10	N/A	ND	PASS
Buprofezin	0.006 / 0.019		N/A	ND	
Captan	0.045 / 0.135	5	N/A	ND	PASS
Carbaryl	0.007 / 0.020	0.5	N/A	ND	PASS
Carbofuran	0.003 / 0.008	≥LOD	N/A	ND	PASS
Chlorantraniliprole	0.006 / 0.018	40	N/A	ND	PASS
Chlordane*	0.010 / 0.032	≥LOD	N/A	ND	PASS
Chlorfenapyr*	0.005 / 0.015	≥LOD	N/A	ND	PASS
Chlormequat chloride	0.022 / 0.066		N/A	ND	
Chlorpyrifos	0.013 / 0.039	≥LOD	N/A	ND	PASS
Clofentezine	0.003 / 0.009	0.5	N/A	ND	PASS
Clothianidin	0.008 / 0.025		N/A	ND	
Coumaphos	0.00 <mark>3/0.010</mark>	≥LOD	N/A	ND	PASS
Cyantraniliprole	0.003/0.010		N/A	ND	
Cyfluthrin	0.052 / 0.159	1	N/A	ND	PASS
Cypermethrin	0.051 / 0.153	1	N/A	ND	PASS
Cyprodinil	0.003 / 0.008		N/A	ND	
Daminozide	0.026 / 0.077	≥LOD	N/A	ND	PASS
Deltamethrin	0.059 / 0.180		N/A	ND	
Diazinon	0.006 / 0.017	0.2	N/A	ND	PASS
Dichlorvos (DDVP)	0.012 / 0.038	≥LOD	N/A	ND	PASS
Dimethoate	0.003 / 0.009	≥LOD	N/A	ND	PASS
Dimethomorph	0.016 / 0.050	20	N/A	ND	PASS
Dinotefuran	0.010 / 0.030		N/A	ND	
Diuron	0.013 / 0.040		N/A	ND	
Dodemorph	0.012 / 0.035		N/A	ND	
Endosulfan sulfate	0.016 / 0.048		N/A	ND	
Endosulfan-α*	0.004 / 0.014		N/A	ND	
Endosulfan-β*	0.006 / 0.019		N/A	ND	

Continued on next page









Pesticide Analysis Continued

PESTICIDE TEST RESULTS - 01/19/2023 continued **⊘** PASS

Ethoprophos 0.003 / 0.009 ≥ LOD N/A ND PASS Etorazole 0.007 / 0.020 ≥ LOD N/A ND PASS Etoxazole 0.007 / 0.020 ≥ LOD N/A ND PASS Etoridiazole* 0.002 / 0.008 10 N/A ND PASS Fenehexamid 0.003 / 0.010 ≥ LOD N/A ND PASS Fenoxycarb 0.003 / 0.010 ≥ LOD N/A ND PASS Fenoxycarb 0.003 / 0.010 ≥ LOD N/A ND PASS Fensulfothion 0.003 / 0.010 ≥ LOD N/A ND PASS Fensulfothion 0.003 / 0.010 ≥ LOD N/A ND PASS Fensulfothion 0.003 / 0.010 ≥ LOD N/A ND PASS Fentidiacomil 0.003 / 0.010 ≥ LOD N/A ND PASS Fludioxonil 0.003 / 0.010 ≥ LOD N/A ND PASS Fludioxonil 0.003 / 0.01	COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (μg/g)	RESULT
Etoxazole 0.007 / 0.020 1.5 N/A ND PASS Etridiazole* 0.002 / 0.005 N/A ND PASS Fennexamid 0.003 / 0.008 10 N/A ND PASS Fenoxycarb 0.003 / 0.010 ≥ LOD N/A ND PASS Fenpyroximate 0.007 / 0.020 2 N/A ND PASS Fensulfothion 0.003 / 0.010 N/A ND PASS Fenstifothion 0.003 / 0.010 N/A ND PASS Fenthion 0.003 / 0.010 N/A ND PASS Fipronil 0.003 / 0.010 ≥ LOD N/A ND PASS Fludioxonil 0.003 / 0.012 2 N/A ND PASS Fludioxonil 0.003 / 0.010 2 N/A ND PASS Fludioxonil 0.003 / 0.010 2 N/A ND PASS Imacalii 0.003 / 0.010 2 N/A ND PASS	Ethoprophos	0.003 / 0.009	≥LOD	N/A	ND	PASS
Etridiazole*	Etofenprox	0.014/0.042	≥LOD	N/A	ND	PASS
Fenhexamid 0.003 / 0.008 10 N/A ND PASS Fenoxycarb 0.003 / 0.010 ≥ LOD N/A ND PASS Fenpyroximate 0.007 / 0.020 2 N/A ND PASS Fensulfothion 0.003 / 0.010 N/A ND ND PASS Fensulforthion 0.003 / 0.010 ≥ LOD N/A ND PASS Findioxoril 0.003 / 0.010 ≥ LOD N/A ND PASS Fludioxoril 0.003 / 0.010 30 N/A ND PASS Fludioxoril 0.003 / 0.010 30 N/A ND PASS Fludioxoril 0.003 / 0.010 2 N/A ND PASS Fludioxoril 0.003 / 0.010 2 N/A ND PASS Fludioxoril 0.003 / 0.010 2 N/A ND PASS Imazalii 0.003 / 0.010 3 N/A ND PASS Imazali 0.003 / 0.010 3 <	Etoxazole	0.007/0.020	1.5	N/A	ND	PASS
Fenoxycarb 0.003/0.010 ≥LOD N/A ND PASS	Etridiazole*	0.002 / 0.005		N/A	ND	
Fenpyroximate	Fenhexamid	0.003/0.008	10	N/A	ND	PASS
Fensulfothion 0.003/0.010 N/A ND Fenthion 0.003/0.010 N/A ND Fenthion 0.003/0.010 N/A ND Fenvalerate 0.033/0.099 N/A ND Filonianid 0.003/0.010 ≥ LOD N/A ND PASS Fludioxonil 0.003/0.010 30 N/A ND PASS Fludipyram 0.003/0.009 N/A ND PASS Hexythiazox 0.003/0.010 2 N/A ND PASS Imidacloprid 0.003/0.010 3 N/A ND PASS Iprodione 0.077/0.233 N/A ND PASS Iprodione 0.077/0.233 N/A ND PASS Kresoxim-methyl 0.006/0.019 1 N/A ND PASS Metalaxyl 0.003/0.000 5 N/A ND PASS Metalaxyl 0.003/0.000 2 LOD N/A ND PASS Methorpree	Fenoxycarb	0.003/0.010	≥LOD	N/A	ND	PASS
Fenthion	Fenpyroximate	0.007/0.020	2	N/A	ND	PASS
Fenvalerate	Fensulfothion	0.003/0.010		N/A	ND	
Fipronil 0.003 / 0.010 ≥ LOD N/A ND PASS	Fenthion	0.003/0.010		N/A	ND	
Flonicamid 0.007/0.022 2 N/A ND PASS	Fenvalerate	0.033 / 0.099		N/A	ND	
Fludioxonil 0.003/0.010 30 N/A ND PASS	Fipronil	0.003/0.010	≥LOD	N/A	ND	PASS
Fluopyram	Flonicamid	0.007/0.022	2	N/A	ND	PASS
Hexythiazox 0.003/0.010 2 N/A ND PASS Imazalil 0.003/0.009 ≥ LOD N/A ND PASS Imidacloprid 0.003/0.010 3 N/A ND PASS Iprodione 0.077/0.233 N/A ND ND Kinoprene 0.077/0.233 N/A ND PASS Kresoxim-methyl 0.006/0.019 1 N/A ND PASS λ-Cyhalothrin 0.068/0.206 N/A ND PASS Metalaxyl 0.003/0.009 5 N/A ND PASS Metalaxyl 0.003/0.008 ≥ LOD N/A ND PASS Methoryl 0.008/0.025 0.1 N/A ND PASS Methoryl 0.008/0.025 0.1 N/A ND PASS Methoryl 0.008/0.024 ≥ LOD N/A ND PASS Methoryl 0.008/0.027 ≥ LOD N/A ND PASS Mgc-264 </th <th>Fludioxonil</th> <th>0.003/0.010</th> <th>30</th> <th>N/A</th> <th>ND</th> <th>PASS</th>	Fludioxonil	0.003/0.010	30	N/A	ND	PASS
Imazalil 0.003 / 0.009 ≥ LOD N/A ND PASS Imidacloprid 0.003 / 0.010 3 N/A ND PASS Iprodione 0.077 / 0.233 N/A ND ND Kinoprene 0.077 / 0.233 N/A ND ND Kresoxim-methyl 0.006 / 0.019 1 N/A ND PASS λ-Cyhalothrin 0.068 / 0.206 N/A ND PASS Metalaxyl 0.003 / 0.009 5 N/A ND PASS Methocarb 0.003 / 0.008 ≥ LOD N/A ND PASS Methomyl 0.008 / 0.025 0.1 N/A ND PASS Methoprene 0.172 / 0.521 N/A ND PASS MgK-264 0.015 / 0.047 N/A ND PASS MgK-264 0.015 / 0.047 N/A ND PASS Novaluron 0.002 / 0.064 0.5 N/A ND PASS Novaluron 0.002 / 0.005	Fluopyram	0.003 / 0.009		N/A	ND	
Imidacloprid 0.003 / 0.010 3 N/A ND PASS Iprodione 0.077 / 0.233 N/A ND Kinoprene 0.077 / 0.233 N/A ND Kresoxim-methyl 0.006 / 0.019 1 N/A ND Kresoxim-methyl 0.006 / 0.019 1 N/A ND Malathion 0.003 / 0.009 5 N/A ND Metalaxyl 0.003 / 0.010 15 N/A ND PASS Methiocarb 0.003 / 0.008 ≥ LOD N/A ND PASS Methomyl 0.008 / 0.025 0.1 N/A ND PASS Methoprene 0.172 / 0.521 N/A ND PASS Metvinphos 0.008 / 0.024 ≥ LOD N/A ND PASS MgK-264 0.015 / 0.047 N/A ND PASS Naled 0.021 / 0.064 0.5 N/A ND PASS Novaluron 0.002 / 0.005 N/A ND PASS Novaluron 0.002 / 0.005 N/A ND PASS Parathion-methyl 0.016 / 0.050 ≥ LOD N/A ND PASS Permethrin 0.056 / 0.168 20 N/A ND PASS Permethrin 0.016 / 0.047 N/A ND PASS Phonomet 0.007 / 0.020 0.2 N/A ND PASS Phonomet 0.007 / 0.020 0.2 N/A ND PASS Piperonyl Butoxide 0.010 / 0.029 8 N/A ND PASS Pipirimicarb 0.003 / 0.009 N/A ND PASS Pipirimicarb 0.003 / 0.009 8 N/A ND PASS Pipirimicarb 0.003 / 0.009 N/A ND PASS Pipirimicarb 0.003 / 0.009	Hexythiazox	0.003 / 0.010	2	N/A	ND	PASS
Iprodione 0.077/0.233 N/A ND	lmazalil	0.003 / 0.009	≥LOD	N/A	ND	PASS
Kinoprene 0.077/0.233 N/A ND Kresoxim-methyl 0.006/0.019 1 N/A ND λ-Cyhalothrin 0.068/0.206 N/A ND Malathion 0.003/0.009 5 N/A ND PASS Metalaxyl 0.003/0.010 15 N/A ND PASS Methiocarb 0.003/0.008 ≥ LOD N/A ND PASS Methomyl 0.008/0.025 0.1 N/A ND PASS Methoprene 0.172/0.521 N/A ND PASS Mevinphos 0.008/0.024 ≥ LOD N/A ND Myclobutanil 0.003/0.009 9 N/A ND PASS Naled 0.021/0.064 0.5 N/A ND PASS Novaluron 0.002/0.005 N/A ND PASS Paclobutrazol 0.003/0.010 ≥ LOD N/A ND PASS Pentachloronitrobenzene* 0.004/0.012 0.2 N/A N	Imidacloprid	0.003 / 0.010	3	N/A	ND	PASS
Kresoxim-methyl 0.006 / 0.019 1 N/A ND PASS λ-Cyhalothrin 0.068 / 0.206 N/A ND Malathion 0.003 / 0.009 5 N/A ND PASS Metalaxyl 0.003 / 0.010 15 N/A ND PASS Methiocarb 0.003 / 0.008 ≥ LOD N/A ND PASS Methomyl 0.008 / 0.025 0.1 N/A ND PASS Methoprene 0.172 / 0.521 N/A ND PASS Mevinphos 0.008 / 0.024 ≥ LOD N/A ND PASS MGK-264 0.015 / 0.047 N/A ND PASS Naled 0.021 / 0.064 0.5 N/A ND PASS Novaluron 0.002 / 0.005 N/A ND PASS Novaluron 0.002 / 0.005 N/A ND PASS Paclobutrazol 0.003 / 0.010 ≥ LOD N/A ND PASS Parathion-methyl 0.016 / 0.0	Iprodione	0.077 / 0.233		N/A	ND	
λ-Cyhalothrin 0.068 / 0.206 N/A ND Malathion 0.003 / 0.009 5 N/A ND PASS Metalaxyl 0.003 / 0.010 15 N/A ND PASS Methiocarb 0.003 / 0.008 ≥ LOD N/A ND PASS Methomyl 0.008 / 0.025 0.1 N/A ND PASS Methoprene 0.172 / 0.521 N/A ND PASS Methoprene 0.0172 / 0.521 N/A ND PASS MGK-264 0.015 / 0.047 N/A ND PASS Mgclobutanil 0.003 / 0.009 9 N/A ND PASS Novaluron 0.002 / 0.005 N/A ND PASS Novaluron 0.002 / 0.005 N/A ND PASS Paclobutrazol 0.003 / 0.010 ≥ LOD N/A ND PASS Parathion-methyl 0.016 / 0.050 ≥ LOD N/A ND PASS Permethrin 0.056 / 0.168 <	Kinoprene	0.077 / 0.233		N/A	ND	
Malathion 0.003 / 0.009 5 N/A ND PASS Metalaxyl 0.003 / 0.010 15 N/A ND PASS Methiocarb 0.003 / 0.008 ≥ LOD N/A ND PASS Methomyl 0.008 / 0.025 0.1 N/A ND PASS Methoprene 0.172 / 0.521 N/A ND ND Mevinphos 0.008 / 0.024 ≥ LOD N/A ND PASS MGK-264 0.015 / 0.047 N/A ND PASS Naled 0.003 / 0.009 9 N/A ND PASS Novaluron 0.002 / 0.005 N/A ND PASS Novaluron 0.002 / 0.005 N/A ND PASS Paclobutrazol 0.003 / 0.010 ≥ LOD N/A ND PASS Parathion-methyl 0.016 / 0.050 ≥ LOD N/A ND PASS Permethrin 0.056 / 0.168 20 N/A ND PASS Phenot	Kresoxim-methyl	0.006/0.019	1	N/A	ND	PASS
Metalaxyl 0.003/0.010 15 N/A ND PASS Methiocarb 0.003/0.008 ≥ LOD N/A ND PASS Methomyl 0.008/0.025 0.1 N/A ND PASS Methoprene 0.172/0.521 N/A ND ND Mevinphos 0.008/0.024 ≥ LOD N/A ND PASS MGK-264 0.015/0.047 N/A ND NA ND PASS Mgclobutanil 0.003/0.009 9 N/A ND PASS Novaluron 0.002/0.005 N/A ND PASS Novaluron 0.002/0.005 N/A ND PASS Paclobutrazol 0.003/0.010 ≥ LOD N/A ND PASS Parathion-methyl 0.016/0.050 ≥ LOD N/A ND PASS Permethrin 0.056/0.168 20 N/A ND PASS Phenothrin 0.016/0.029 8 N/A ND PASS <	λ -Cyhalothrin	0.068 / 0.206		N/A	ND	
Methiocarb 0.003 / 0.008 ≥ LOD N/A ND PASS Methomyl 0.008 / 0.025 0.1 N/A ND PASS Methoprene 0.172 / 0.521 N/A ND ND Mevinphos 0.008 / 0.024 ≥ LOD N/A ND PASS MGK-264 0.015 / 0.047 N/A ND ND PASS Myclobutanil 0.003 / 0.009 9 N/A ND PASS Naled 0.021 / 0.064 0.5 N/A ND PASS Novaluron 0.002 / 0.005 N/A ND PASS Paclobutrazol 0.003 / 0.010 ≥ LOD N/A ND PASS Parathion-methyl 0.016 / 0.050 ≥ LOD N/A ND PASS Permethrin 0.056 / 0.168 20 N/A ND PASS Phenothrin 0.016 / 0.047 N/A ND PASS Piperonyl Butoxide 0.010 / 0.029 8 N/A ND PASS	Malathion	0.003 / 0.009	5	N/A	ND	PASS
Methomyl 0.008 / 0.025 0.1 N/A ND PASS Methoprene 0.172 / 0.521 N/A ND ND Mevinphos 0.008 / 0.024 ≥ LOD N/A ND PASS MGK-264 0.015 / 0.047 N/A ND ND PASS Myclobutanil 0.003 / 0.009 9 N/A ND PASS Naled 0.021 / 0.064 0.5 N/A ND PASS Novaluron 0.002 / 0.005 N/A ND PASS Paclobutrazol 0.0017 / 0.051 0.2 N/A ND PASS Paclobutrazol 0.003 / 0.010 ≥ LOD N/A ND PASS Parathion-methyl 0.016 / 0.050 ≥ LOD N/A ND PASS Permethrin 0.056 / 0.168 20 N/A ND PASS Phenothrin 0.016 / 0.047 N/A ND PASS Piperonyl Butoxide 0.010 / 0.029 8 N/A ND PASS	Metalaxyl	0.003/0.010	15	N/A	ND	PASS
Methoprene 0.172/0.521 N/A ND Mevinphos 0.008/0.024 ≥ LOD N/A ND PASS MGK-264 0.015/0.047 N/A ND ND PASS Myclobutanil 0.003/0.009 9 N/A ND PASS Naled 0.021/0.064 0.5 N/A ND PASS Novaluron 0.002/0.005 N/A ND PASS Paclobutrazol 0.017/0.051 0.2 N/A ND PASS Paclobutrazol 0.003/0.010 ≥ LOD N/A ND PASS Parathion-methyl 0.016/0.050 ≥ LOD N/A ND PASS Pentachloronitrobenzene* 0.004/0.012 0.2 N/A ND PASS Permethrin 0.056/0.168 20 N/A ND PASS Phenothrin 0.016/0.047 N/A ND PASS Piperonyl Butoxide 0.010/0.029 8 N/A ND PASS P	Methiocarb	0.003/0 <mark>.008</mark>	≥LOD	N/A	ND	PASS
Mevinphos 0.008 / 0.024 ≥ LOD N/A ND PASS MGK-264 0.015 / 0.047 N/A ND ND Myclobutanil 0.003 / 0.009 9 N/A ND PASS Naled 0.021 / 0.064 0.5 N/A ND PASS Novaluron 0.002 / 0.005 N/A ND ND Oxamyl 0.017 / 0.051 0.2 N/A ND PASS Paclobutrazol 0.003 / 0.010 ≥ LOD N/A ND PASS Parathion-methyl 0.016 / 0.050 ≥ LOD N/A ND PASS Pentachloronitrobenzene* 0.004 / 0.012 0.2 N/A ND PASS Permethrin 0.056 / 0.168 20 N/A ND PASS Phosmet 0.007 / 0.020 0.2 N/A ND PASS Pirimicarb 0.003 / 0.009 8 N/A ND PASS	Methomyl	0.008/0.025	0.1	N/A	ND	PASS
MGK-264 0.015 / 0.047 N/A ND Myclobutanil 0.003 / 0.009 9 N/A ND PASS Naled 0.021 / 0.064 0.5 N/A ND PASS Novaluron 0.002 / 0.005 N/A ND ND Oxamyl 0.017 / 0.051 0.2 N/A ND PASS Paclobutrazol 0.003 / 0.010 ≥ LOD N/A ND PASS Parathion-methyl 0.016 / 0.050 ≥ LOD N/A ND PASS Pentachloronitrobenzene* 0.004 / 0.012 0.2 N/A ND PASS Permethrin 0.056 / 0.168 20 N/A ND PASS Phosmet 0.007 / 0.020 0.2 N/A ND PASS Piperonyl Butoxide 0.010 / 0.029 8 N/A ND PASS Pirimicarb 0.003 / 0.009 N/A ND ND	Methoprene	0.172 / 0.521		N/A	ND	
Myclobutanil 0.003 / 0.009 9 N/A ND PASS Naled 0.021 / 0.064 0.5 N/A ND PASS Novaluron 0.002 / 0.005 N/A ND ND Oxamyl 0.017 / 0.051 0.2 N/A ND PASS Paclobutrazol 0.003 / 0.010 ≥ LOD N/A ND PASS Parathion-methyl 0.016 / 0.050 ≥ LOD N/A ND PASS Pentachloronitrobenzene* 0.004 / 0.012 0.2 N/A ND PASS Permethrin 0.056 / 0.168 20 N/A ND PASS Phenothrin 0.016 / 0.047 N/A ND PASS Piperonyl Butoxide 0.010 / 0.029 8 N/A ND PASS Pirimicarb 0.003 / 0.009 N/A ND ND ND	Mevinphos	0.008/0.024	≥LOD	N/A	ND	PASS
Naled 0.021/0.064 0.5 N/A ND PASS Novaluron 0.002/0.005 N/A ND ND Oxamyl 0.017/0.051 0.2 N/A ND PASS Paclobutrazol 0.003/0.010 ≥ LOD N/A ND PASS Parathion-methyl 0.016/0.050 ≥ LOD N/A ND PASS Pentachloronitrobenzene* 0.004/0.012 0.2 N/A ND PASS Permethrin 0.056/0.168 20 N/A ND PASS Phenothrin 0.016/0.047 N/A ND PASS Piperonyl Butoxide 0.010/0.029 8 N/A ND PASS Pirimicarb 0.003/0.009 N/A ND ND	MGK-264	0.015 / 0.047		N/A	ND	
Novaluron 0.002 / 0.005 N/A ND Oxamyl 0.017 / 0.051 0.2 N/A ND PASS Paclobutrazol 0.003 / 0.010 ≥ LOD N/A ND PASS Parathion-methyl 0.016 / 0.050 ≥ LOD N/A ND PASS Pentachloronitrobenzene* 0.004 / 0.012 0.2 N/A ND PASS Permethrin 0.056 / 0.168 20 N/A ND PASS Phenothrin 0.016 / 0.047 N/A ND PASS Piperonyl Butoxide 0.007 / 0.020 0.2 N/A ND PASS Pirimicarb 0.003 / 0.009 N/A ND ND	Myclobutanil	0.003 / 0.009	9	N/A	ND	PASS
Oxamyl 0.017/0.051 0.2 N/A ND PASS Paclobutrazol 0.003/0.010 ≥ LOD N/A ND PASS Parathion-methyl 0.016/0.050 ≥ LOD N/A ND PASS Pentachloronitrobenzene* 0.004/0.012 0.2 N/A ND PASS Permethrin 0.056/0.168 20 N/A ND PASS Phenothrin 0.016/0.047 N/A ND ND Phosmet 0.007/0.020 0.2 N/A ND PASS Piperonyl Butoxide 0.010/0.029 8 N/A ND PASS Pirimicarb 0.003/0.009 N/A ND ND	Naled	0.021 / 0.064	0.5	N/A	ND	PASS
Paclobutrazol 0.003 / 0.010 ≥ LOD N/A ND PASS Parathion-methyl 0.016 / 0.050 ≥ LOD N/A ND PASS Pentachloronitrobenzene* 0.004 / 0.012 0.2 N/A ND PASS Permethrin 0.056 / 0.168 20 N/A ND PASS Phenothrin 0.016 / 0.047 N/A ND ND Phosmet 0.007 / 0.020 0.2 N/A ND PASS Piperonyl Butoxide 0.010 / 0.029 8 N/A ND PASS Pirimicarb 0.003 / 0.009 N/A ND ND	Novaluron	0.002 / 0.005		N/A	ND	
Parathion-methyl 0.016/0.050 ≥ LOD N/A ND PASS Pentachloronitrobenzene* 0.004/0.012 0.2 N/A ND PASS Permethrin 0.056/0.168 20 N/A ND PASS Phenothrin 0.016/0.047 N/A ND ND Phosmet 0.007/0.020 0.2 N/A ND PASS Piperonyl Butoxide 0.010/0.029 8 N/A ND PASS Pirimicarb 0.003/0.009 N/A ND ND	Oxamyl	0.017/0.051	0.2	N/A	ND	PASS
Pentachloronitrobenzene* 0.004 / 0.012 0.2 N/A ND PASS Permethrin 0.056 / 0.168 20 N/A ND PASS Phenothrin 0.016 / 0.047 N/A ND ND Phosmet 0.007 / 0.020 0.2 N/A ND PASS Piperonyl Butoxide 0.010 / 0.029 8 N/A ND PASS Pirimicarb 0.003 / 0.009 N/A ND ND	Paclobutrazol	0.003/0.010	≥LOD	N/A	ND	PASS
Permethrin 0.056/0.168 20 N/A ND PASS Phenothrin 0.016/0.047 N/A ND Phosmet 0.007/0.020 0.2 N/A ND PASS Piperonyl Butoxide 0.010/0.029 8 N/A ND PASS Pirimicarb 0.003/0.009 N/A ND	Parathion-methyl	0.016 / 0.050	≥LOD	N/A	ND	PASS
Phenothrin 0.016/0.047 N/A ND Phosmet 0.007/0.020 0.2 N/A ND PASS Piperonyl Butoxide 0.010/0.029 8 N/A ND PASS Pirimicarb 0.003/0.009 N/A ND	Pentachloronitrobenzene*	0.004/0.012	0.2	N/A	ND	PASS
Phosmet 0.007 / 0.020 0.2 N/A ND PASS Piperonyl Butoxide 0.010 / 0.029 8 N/A ND PASS Pirimicarb 0.003 / 0.009 N/A ND	Permethrin	0.056 / 0.168	20	N/A	ND	PASS
Piperonyl Butoxide 0.010 / 0.029 8 N/A ND PASS Pirimicarb 0.003 / 0.009 N/A ND	Phenothrin	0.016 / 0.047		N/A	ND	
Pirimicarb 0.003 / 0.009 N/A ND	Phosmet	0.007/0.020	0.2	N/A	ND	PASS
	Piperonyl Butoxide	0.010/0.029	8	N/A	ND	PASS
Prallethrin 0.015 / 0.046 0.4 N/A ND PASS	Pirimicarb	0.003/0.009		N/A	ND	
	Prallethrin	0.015 / 0.046	0.4	N/A	ND	PASS

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Pesticide Analysis Continued

PESTICIDE TEST RESULTS - 01/19/2023 continued **⊘** PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (μg/g)	RESULT
Propiconazole	0.027 / 0.080	20	N/A	ND	PASS
Propoxur	0.003 / 0.008	≥LOD	N/A	ND	PASS
Pyraclostrobin	0.003 / 0.010		N/A	ND	
Pyrethrins	0.016 / 0.049	1	N/A	ND	PASS
Pyridaben	0.005 / 0.017	3	N/A	ND	PASS
Pyriproxyfen	0.003 / 0.009		N/A	ND	
Resmethrin	0.013/0.039		N/A	ND	
Spinetoram	0.003 / 0.010	3	N/A	ND	PASS
Spinosad	0.003 / 0.010	3	N/A	ND	PASS
Spirodiclofen	0.031 / 0.093		N/A	ND	
Spiromesifen	0.016 / 0.050	12	N/A	ND	PASS
Spirotetramat	0.003 / 0.010	13	N/A	ND	PASS
Spiroxamine	0.020 / 0.062	≥LOD	N/A	ND	PASS
Tebuconazole	0.003 / 0.010	2	N/A	ND	PASS
Tebufenozide	0.003 / 0.008		N/A	ND	
Teflubenzuron	0.007 / 0.022		N/A	ND	
Tetrachlorvinphos	0.003 / 0.008		N/A	ND	
Tetramethrin	0.021 / 0.063		N/A	ND	
Thiabendazole	0.006 / 0.020		N/A	ND	
Thiacloprid	0.003 / 0.009	≥LOD	N/A	ND	PASS
Thiamethoxam	0.003 / 0.010	4.5	N/A	ND	PASS
Thiophanate-methyl	0.013 / 0.040		N/A	ND	
Trifloxystrobin	0.003 / 0.009	30	N/A	ND	PASS



Mycotoxin Analysis

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: OSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

MYCOTOXIN TEST RESULTS - 01/18/2023 **⊘ PASS**

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (μg/kg)	RESULT (μg/kg)	RESULT
Aflatoxin B1	1.6 / 5.0		N/A	ND	
Aflatoxin B2	1.4 / 4.1		N/A	ND	
Aflatoxin G1	1.6 / 4.9		N/A	ND	
Aflatoxin G2	1.6 / 5.0		N/A	ND	
Total Aflatoxin		20		ND	PASS
Ochratoxin A	1.6 / 5.0	20	N/A	ND	PASS









Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

Total Butanes = n-Butane + 2-Methylpropane (Isobutane) Total Pentanes = n-Pentane + 2-Methylbutane (Isopentane) Total Hexanes = n-Hexane + 2,2-Dimethylbutane (Neohexane) + 2,3-Dimethylbutane / 2-Methylpentane (Isohexane) + 3-Methylpentane

Total Heptanes = 2,2-Dimethylpentane (Neoheptane) + 2,3-Dimethylpentane + 2,4-Dimethylpentane + 3,3-Dimethylpentane + 2,2,3-Trimethylbutane (Triptane) + 2-Methylhexane (Isoheptane) + 3-Methylhexane + 3-Ethylpentane + n-Heptane **Total Xylenes** = 1,2-Dimethylbenzene (o-Xylene) + 1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene) +

RESIDUAL SOLVENTS TEST RESULTS - 01/18/2023 **⊘ PASS**

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Propane	0.234 / 0.781	5000	N/A	ND	PASS
2-Methylpropane (Isobutane)	0.052 / 0.173		N/A	ND	
n-Butane	0.019 / 0.063	5000	N/A	ND	PASS
Total Butanes				ND	
2-Methylbutane (Isopentane)	0.310 / 1.035		N/A	ND	
2,2-Dimethylpropane (Neopentane)	0.035 / 0.117		N/A	ND	
n-Pentane	0.310 / 1.033	5000	±0.0742	2.370	PASS
Total Pentanes				2.370	
2,2-Dimethylbutane (Neohexane)	9.831 / 32.77		N/A	ND	
2,3-Dimethylbutane / 2-Methylpentane	0.381 / 1.271		N/A	ND	
3-Methylpentane	0.109 / 0.365		N/A	ND	
n-Hexane	0.110 / 0.366	290	N/A	ND	PASS
Total Hexanes				ND	
Cyclohexane	0.357 / 1.190		N/A	ND	
2,2-Dimethylpentane (Neoheptane)	0.493 / 1.642		N/A	ND	
2,3-Dimethylpentane	1.009 / 3.365		N/A	ND	
2,4-Dimethylpentane	0.737 / 2.458		N/A	ND	
3,3-Dimethylpentane	0.198 / 0.660		N/A	ND	
2,2,3-Trimethylbutane (Triptane)	0.521 / 1.738		N/A	ND	
2-Methylhexane (Isoheptane)	0.610/2.034		N/A	ND	
3-Methylhexane	0.235 / 0.785		N/A	ND	
3-Ethylpentane	0.304/1.012		N/A	ND	
n-Heptane	13.12 / 43.72	5000	N/A	ND	PASS
Total Heptanes				ND	
Cycloheptane	0.597 / 1.989		N/A	ND	
Benzene	0.089 / 0.295	1	N/A	ND	PASS
Toluene	0.115 / 0.382	890	N/A	ND	PASS
Cumene	0.180 / 0.600		N/A	ND	
1,3-Dimethylbenzene / 1,4-Dimethylbenzene	0.451 / 1.502		N/A	ND	
1,2-Dimethylbenzene (o-Xylene)	0.387 / 1.289		N/A	ND	
Ethylbenzene	0.370 / 1.233		N/A	ND	
Total Xylenes		2170		ND	PASS
Methanol	5.534 / 16.77	3000	±0.283	21.80	PASS
Ethanol	8.984 / 27.23	5000	±7.522	482.18	PASS
1-Propanol	1.540 / 5.133		N/A	ND	
2-Propanol (Isopropyl Alcohol)	8.421 / 25.52	5000	N/A	ND	PASS

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RESIDUAL SOLVENTS TEST RESULTS - 01/18/2023 continued PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (μg/g)	RESULT
1-Butanol	0.475 / 1.582		N/A	ND	
2-Butanol	7.248 / 24.16		N/A	ND	
1-Pentanol	1.461 / 4.869		N/A	ND	
Acetone	9.510 / 28.82	5000	N/A	ND	PASS
2-Butanone	0.169 / 0.564		N/A	ND	
Tetrahydrofuran	0.622 / 2.075		N/A	ND	
Ethyl Ether	0.197 / 0.658	5000	N/A	ND	PASS
Ethylene Glycol	3.803 / 12.68		N/A	ND	
2-Ethoxyethanol	1.235 / 4.118		N/A	ND	
1,2-Dimethoxyethane	2.116 / 7.052		N/A	ND	
1,4-Dioxane	0.468 / 1.558		N/A	ND	
Ethylene Oxide	0.253 / 0.844	1	N/A	ND	PASS
Ethyl Acetate	1.123 / 3.745	5000	N/A	ND	PASS
Isopropyl Acetate	0.347 / 1.158		N/A	ND	
Chloroform	0.251 / 0.838	1	N/A	ND	PASS
Dichloromethane (Methylene Chloride)	2.651 / 8.838	1	N/A	ND	PASS
Trichloroethylene	0.299 / 0.996	1	N/A	ND	PASS
1,2-Dichloroethane	0.162 / 0.541	1	N/A	ND	PASS
1,1-Dichloroethene	0.185 / 0.616		N/A	ND	
1,2-Dichloroethene	0.428 / 1.427		N/A	ND	
Sulfolane	47.66 / 158.9		N/A	ND	
Dimethyl Sulfoxide	6.168/20.56		N/A	ND	
Acetonitrile	1.595 / 4.833	410	N/A	ND	PASS
Pyridine	0.407 / <mark>1.355</mark>		N/A	ND	
N,N-Dimethylacetamide	0.127/0.422		N/A	ND	
N,N-Dimethylformamide	0.946 / 3.153		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 - 01/17/2023 **⊘ PASS**

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (μg/g)	RESULT
Arsenic	0.02/0.1	1.5	N/A	ND	PASS
Cadmium	0.02/0.05	0.5	N/A	ND	PASS
Lead	0.04/0.1	0.5	N/A	ND	PASS
Mercury	0.002 / 0.01	3	N/A	ND	PASS



Certificate of Analysis

Sample Information

CTLA ID: 67225

Date Received: 2/1/2023

Sample Name: 25mg Tension & Stress

Lot Number: 32EAB

Customer:

Analysis	Method	MDL Specification	Result	Units
Rapid Complete Micro				
Total Plate Count	USP <2021>	100 ≤1,000	<100	cfu/g
Total Coliforms	USP <2021>	10 Report	<10	cfu/g
E. coli	USP <2022>	Absent	Absent	
Salmonella	USP <2022>	Absent	Absent	
Staphylococcus aureus <2022>	USP <2022>	Absent	Absent	
Rapid Yeast and Mold	AOAC 2014.05	10 ≤100	<10	cfu/g

2/6/2023

DATE

Quality Manager

Specifications provided by the Customer. Results with an asterisk (*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit.