

PD 0 THC Cherry Melatonin

Sample ID: 2507AFL1179.4973
Strain: PD 0 THC Cherry Melatonin
Matrix: Ingestible
Type: Soft Chew
Unit Weight: 5.11 g

Internal Lab ID: ATL-30627
Received: 07/02/2025
Completed: 07/18/2025
Batch#: PD-0T-CHRY

Client
Tillmans Tranquils
Lic. #
4757 sw 51st street Davie, FL 33314
Davie, FL 33314



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	07/03/2025	Complete
Residual Solvents	07/14/2025	Pass
Microbials	07/17/2025	Pass
Mycotoxins	07/15/2025	Pass
Pesticides	07/15/2025	Pass
Heavy Metals	07/17/2025	Pass
Foreign Matter	07/17/2025	Pass

Basic Potency

Complete

ND Total THC				0.62% Total CBD				0.83% Total Cannabinoids			
Analyte	LOQ	Result	Result	Analyte	LOQ	Result	Result	Analyte	LOQ	Result	Result
	%	%	mg/unit		%	%	mg/unit		%	%	mg/unit
CBDVa	0.00	ND	ND	CBN	0.00	0.21	10.8				
CBDV	0.00	ND	ND	Δ9-THC	0.00	ND	ND				
CBDa	0.00	ND	ND	Δ8-THC	0.00	ND	ND				
CBGa	0.00	ND	ND	(6aR,9S)-d10-THC	0.01	ND	ND				
CBG	0.00	ND	ND	(6aR,9R)-d10-THC	0.01	ND	ND				
CBD	0.00	0.62	31.8	CBC	0.00	ND	ND				
THCV	0.00	ND	ND	CBCa	0.00	ND	ND				
Δ8-THCV	0.00	ND	ND	THCa	0.00	ND	ND				
THCVa	0.00	ND	ND	Total		0.83	42.6				

Document ID: ATL-225, Rev 06, Effective Date: 18 March 2025

Date Tested: 07/03/2025

Equations: Total Active THC = 9THC + (0.877 * THCA), Total Active CBD = CBD + (0.877 * CBDA)

NT Not Tested Document ID: Moisture Content		NT Not Tested Document ID: Water Activity		Pass Document ID: CoA-4 Foreign Matter Rev. 2, Test Method: TM-4.3 Foreign Matter	
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Paulo Gonzalez
Laboratory Director
07/18/2025

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Davie, FL 33314

Pesticides

Pass

Analyte	Limit	Result	Status	Analyte	Limit	Result	Status
	PPB	PPB			PPB	PPB	
Abamectin	300.0	ND	Pass	Fludioxonil	3000	ND	Pass
Acephate	3000	ND	Pass	Hexythiazox	2000	ND	Pass
Acequinocyl	2000	ND	Pass	Imazalil	100.0	ND	Pass
Acetamiprid	3000	ND	Pass	Imidacloprid	3000	ND	Pass
Aldicarb	100.0	ND	Pass	Kresoxim Methyl	1000	ND	Pass
Azoxystrobin	3000	ND	Pass	Malathion	2000	ND	Pass
Bifenazate	3000	ND	Pass	Metalaxyl	3000	ND	Pass
Bifenthrin	500.0	ND	Pass	Methiocarb	100.0	ND	Pass
Boscalid	3000	ND	Pass	Methomyl	100.0	ND	Pass
Captan	3000	ND	Pass	Mevinphos	100.0	ND	Pass
Carbaryl	500.0	ND	Pass	Myclobutanil	3000	ND	Pass
Carbofuran	100.0	ND	Pass	Naled	500.0	ND	Pass
Chlorantraniliprole	3000	ND	Pass	Oxamyl	500.0	ND	Pass
Chlordane	100.0	ND	Pass	Paclobutrazol	100.0	ND	Pass
Chlorfenapyr	100.0	ND	Pass	Parathion Methyl	100.0	ND	Pass
Chlormequat chloride	3000	ND	Pass	Pentachloronitrobenzene	200.0	ND	Pass
Chlorpyrifos	100.0	ND	Pass	Permethrin	1000	ND	Pass
Clofentezine	500.0	ND	Pass	Phosmet	200.0	ND	Pass
Coumaphos	100.0	ND	Pass	Piperonyl Butoxide	3000	ND	Pass
Cyfluthrin	1000	ND	Pass	Prallethrin	400.0	ND	Pass
Cypermethrin	1000	ND	Pass	Propiconazole	1000	ND	Pass
Daminozide	100.0	ND	Pass	Propoxur	100.0	ND	Pass
Diazinon	200.0	ND	Pass	Pyrethrins	1000	ND	Pass
Dichlorvos	100.0	ND	Pass	Pyridaben	3000	ND	Pass
Dimethoate	100.0	ND	Pass	Spinetoram	3000	ND	Pass
Dimethomorph	3000	ND	Pass	Spinosad	3000	ND	Pass
Ethoprophos	100.0	ND	Pass	Spiromesifen	3000	ND	Pass
Etofenprox	100.0	ND	Pass	Spirotetramat	3000	ND	Pass
Etoxazole	1500.0	ND	Pass	Spiroxamine	100.0	ND	Pass
Fenhexamid	3000	ND	Pass	Tebuconazole	1000	ND	Pass
Fenoxycarb	100.0	ND	Pass	Thiacloprid	100.0	ND	Pass
Fenpyroximate	2000	ND	Pass	Thiamethoxam	1000	ND	Pass
Fipronil	100.0	ND	Pass	Trifloxystrobin	3000	ND	Pass
Flonicamid	2000	ND	Pass				

Document ID: CoA-2 Pesticides Rev. 1, Test Method: TM-1

Date Tested: 07/15/2025

Action limits based on Florida Department of Agriculture and Consumer Services, Rule 5K-4.034 § 5(b)



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Microbials

Pass

Analyte	LOD	Limit	Result	Status
	CFU/g	CFU/g	CFU/g	
Total Aerobic Count	10		NR	NT
Aspergillus (niger, fumigatus, flavus, terreus)	1	1	Not Detected in 1g	Pass
Bile-Tolerant Gram-Negative Bacteria			NR	NT
Shiga toxin-producing E. Coli	1	1	Not Detected in 1g	Pass
Salmonella	1	1	Not Detected in 1g	Pass
Staphylococcus aureus	10		NR	NT
Total Combined Yeast and Mold	10	100000	ND	Pass

Document ID: ATL-235, Rev 02, Effective Date: 18 March 2025
Date Tested: 07/17/2025

Pass/Fail criteria based on CMTL sample testing Florida Department of Health Emergency Rule for 2020. Measures of uncertainty are considered when deciding PASS/FAIL results. Analysis Method: ATL-PHI-002 and ATL-PHI-004.

Foreign Matter

Pass

Analyte	Limit	Result	Status
	% by weight	% by weight	
Packaging Contaminants	0.01	ND	Pass
Insects	0.01	ND	Pass
Feces	0.005	ND	Pass
Mold	0.01	ND	Pass
FM Other		ND	Pass
Hair	0.01	ND	Pass

Document ID: CoA-4 Foreign Matter Rev. 2, Test Method: TM-4.3

Date Tested: 07/17/2025

Pass/Fail criteria based on CMTL sample testing Florida Department of Health Emergency Rule for 2020. Measures of uncertainty are considered when deciding PASS/FAIL results. Analysis Method: ATL-PHI-001

Heavy Metals

Pass

Analyte	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	
Arsenic	0.1	1.5	ND	Pass
Cadmium	0.1	0.5	ND	Pass
Lead	0.1	0.5	ND	Pass
Mercury	0.1	3	ND	Pass

Document ID: CoA-5 Heavy Metals Rev. 1, Test Method: NA

Date Tested: 07/17/2025

Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034



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Residual Solvents

Pass

Analyte	LOQ	Limit	Result	Status	Analyte	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	
1,1 Dichloroethene	0.7	8	ND	Pass	Ethylene Oxide	0.4	5	ND	Pass
Ethylene Dichloride	0.2	2	ND	Pass	Heptane	40	5000	ND	Pass
1,4-Dioxane			ND	Tested	Hexanes		250	ND	Pass
2,2-Dimethyl-Butane			ND	Tested	Isobutane			ND	Tested
2,3-Dimethyl-Butane			ND	Tested	Isopentane			ND	Tested
2-Butanol			ND	Tested	Isopropanol	40	500	ND	Pass
2-Ethoxy-Ethanol			ND	Tested	Isopropyl-Acetate			ND	Tested
2-Methyl-Pentane			ND	Tested	m+p Xylene			ND	Tested
3-Methyl-Pentane			ND	Tested	Methanol	20	250	ND	Pass
Acetone	59	750	ND	Pass	Methylene Chloride	10	125	ND	Pass
Acetonitrile	5	60	ND	Pass	Butane	71		ND	Tested
Benzene	0.08	1	ND	Pass	Hexane	5		ND	Tested
Butanes		5000	ND	Pass	Pentane	59		ND	Tested
Chloroform	0.2	2	ND	Pass	Neopentane			ND	Tested
Cumene			ND	Tested	o-Xylene			ND	Tested
Cyclohexane			ND	Tested	Pentanes		750	ND	Pass
Ethanol	79	5000	ND	Pass	Propane	165	5000	ND	Pass
Ethyl Acetate	20	400	ND	Pass	Tetrahydrofuran			ND	Tested
Ethyl-Benzene			ND	Tested	Toluene	12	150	ND	Pass
Ethyl Ether	40	500	ND	Pass	Trichloroethene	2	25	ND	Pass
Ethylene Glycol			ND	Tested	Xylenes	12	150	ND	Pass

ACCURATE
TEST LAB

Document ID: ATL-230, Rev 02, Effective Date: 18 March 2025

Date Tested: 07/14/2025

Action limits based on Florida Department of Agriculture and Consumer Services, Rule 5K-4.034 § 5(c); Expanded uncertainty = ±25% considered for PASS/FAIL; Test Method ATL-GCM-001



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07/18/2025

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QA Testing

5 of 5

PD 0 THC Cherry Melatonin

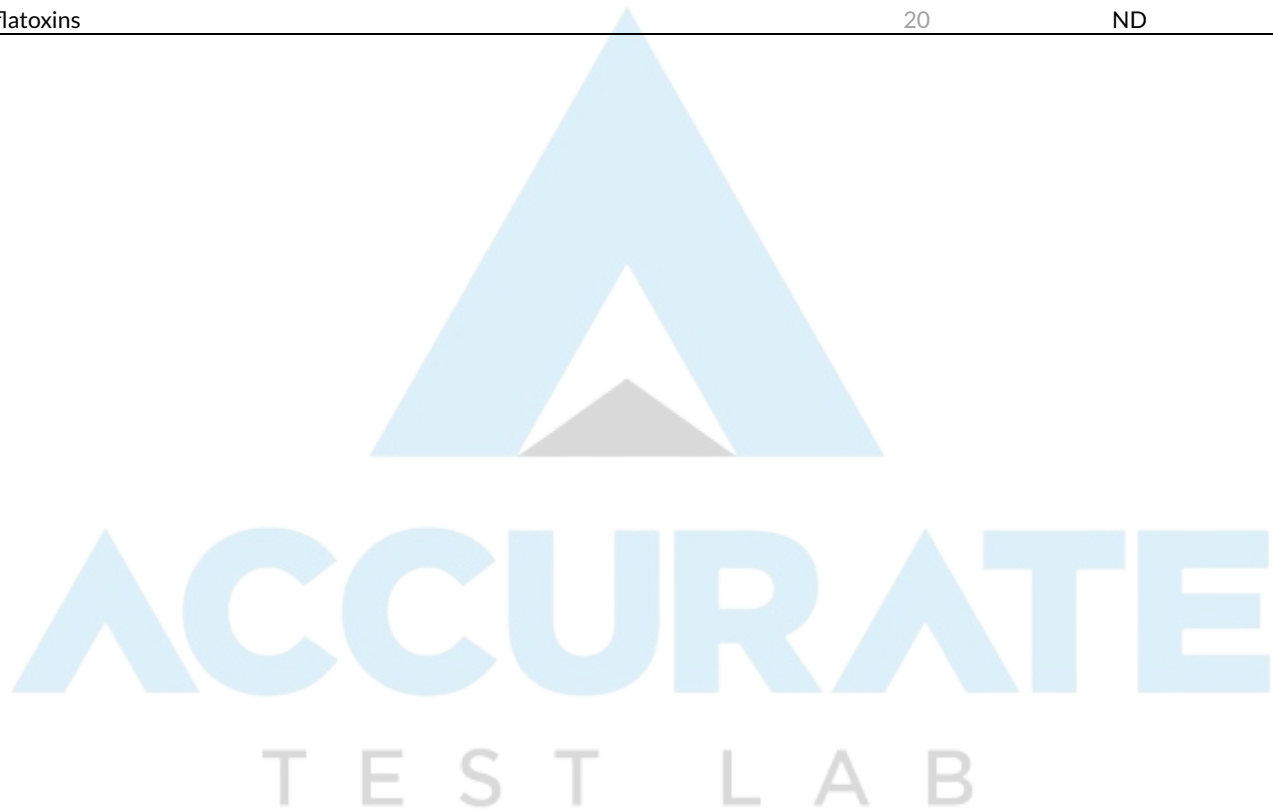
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Mycotoxins

Analyte	LOD µg/kg	LOQ µg/kg	Limit µg/kg	Result µg/kg	Status
B1	0.0226	0.0528		ND	Tested
B2	0.0329	0.0768		ND	Tested
G1	0.0046	0.0107		ND	Tested
G2	0.0108	0.0252		ND	Tested
Ochratoxin A	0.0259	0.0604	20	ND	Pass
Total Aflatoxins			20	ND	Pass



Document ID: CoA-7 Mycotoxins Rev. 1, Test Method: TM-1
Date Tested: 07/15/2025



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