

# **CERTIFICATE OF ANALYSIS**

## Trop Cherry 10/28/2024

Batch ID or Lot Number: TP102820	Test, Test ID and Methods: Various	Matrix: Plant	Page 1 of 3
Reported:	Started:	Received:	
12Nov2024	10Nov2024	08Nov2024	

#### **Cannabinoids**

Test ID: T000293057			<b>Dry Weight</b>		
Methods: TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	LOD (%)	LOQ (%)	Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.022	0.067	0.089	0.082 - 0.096	
Cannabichromenic Acid (CBCA)	0.020	0.062	0.236	0.218 - 0.254	
Cannabidiol (CBD)	0.076	0.180	ND	ND	
Cannabidiolic Acid (CBDA)	0.077	0.185	ND	ND	
Cannabidivarin (CBDV)	0.018	0.043	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.032	0.077	ND	ND	
Cannabigerol (CBG)	0.013	0.038	0.063	0.058 - 0.068	
Cannabigerolic Acid (CBGA)	0.053	0.160	0.446	0.412 - 0.480	
Cannabinol (CBN)	0.016	0.050	ND	ND	
Cannabinolic Acid (CBNA)	0.036	0.109	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.063	0.190	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.057	0.173	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.050	0.153	25.896	23.894 - 27.898	
Tetrahydrocannabivarin (THCV)	0.011	0.035	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.044	0.135	ND	ND	
Total Cannabinoids			26.730	24.634 - 28.826	
Total Potential THC			22.711	20.944 - 24.478	

#### **Final Approval**

The Days

Judith Marquez 12Nov2024 09:40:00 AM MST

Wintenheumer 12:55:00 PM MST APPROVED BY / DATE

Karen Winternheimer 12Nov2024

## PREPARED BY / DATE **Heavy Metals**

Test ID: T000293060

Methods: TM19 (ICP-MS): Heavy

metrods. Thris (let Wis). Heavy					
Metals	Dynamic Range (ppm)	Result (ppm)	Notes		
Arsenic	0.04 - 4.32	ND			
Cadmium	0.04 - 4.39	ND			
Mercury	0.05 - 4.67	ND			
Lead	0.05 - 4.82	ND			

**Final Approval** 

PREPARED BY / DATE

Judith Marquez 12Nov2024 12:45:00 PM MST

Sawantha Small 12Nov2024 02:36:00 PM MST

Sam Smith

APPROVED BY / DATE



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#### **Pesticides**

Test ID: T000293058 Methods: TM16

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	124 - 1751	ND	
Acephate	42 - 2808	ND	
Acetamiprid	43 - 2743	ND	
Azoxystrobin	80 - 2709	ND	
Bifenazate	286 - 2688	ND	
Boscalid	267 - 2671	ND	
Carbaryl	42 - 2706	ND	
Carbofuran	42 - 2699	ND	
Chlorantraniliprole	252 - 2757	ND	
Chlorpyrifos	277 - 2745	ND	
Clofentezine	289 - 2737	ND	
Diazinon	286 - 2700	ND	
Dichlorvos	320 - 2667	ND	
Dimethoate	43 - 2757	ND	
E-Fenpyroximate	300 - 2735	ND	
Etofenprox	44 - 2754	ND	
Etoxazole	42 - 2682	ND	
Fenoxycarb	314 - 2657	ND	
Fipronil	301 - 2729	ND	
Flonicamid	53 - 2840	ND	
Fludioxonil	304 - 2727	ND	
Hexythiazox	294 - 2747	ND	
Imazalil	39 - 2639	ND	
Imidacloprid	40 - 2799	ND	
Kresoxim-methyl	288 - 2721	ND	

	Dynamic Range (ppb)	Result (ppb)
Malathion	306 - 2641	ND
Metalaxyl	290 - 2701	ND
Methiocarb	39 - 2758	ND
Methomyl	44 - 2803	ND
MGK 264 1	190 - 1582	ND
MGK 264 2	100 - 1099	ND
Myclobutanil	45 - 2687	ND
Naled	291 - 2678	ND
Oxamyl	43 - 2807	ND
Paclobutrazol	43 - 2708	ND
Permethrin	265 - 2805	ND
Phosmet	287 - 2573	ND
Prophos	256 - 2752	ND
Propoxur	45 - 2700	ND
Pyridaben	42 - 2775	ND
Spinosad A	33 - 2079	ND
Spinosad D	12 - 662	ND
Spiromesifen	15 - 2750	ND
Spirotetramat	295 - 2719	ND
Spiroxamine 1	17 - 1017	ND
Spiroxamine 2	22 - 1614	ND
Tebuconazole	302 - 2649	ND
Thiacloprid	43 - 2779	ND
Thiamethoxam	39 - 2795	ND
Trifloxystrobin	44 - 2717	ND

#### **Final Approval**

Sawantha Smul 13Nov2024 11:39:00 AM MST

Sam Smith

PREPARED BY / DATE

Withhelmer 11:40:00 AM MST APPROVED BY / DATE

Karen Winternheimer 13Nov2024



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### Microbial

#### **Contaminants**

Test ID: T000293059

Methods: TM25 (PCR) TM24, TM26,		Quantitation				
TM27 (Culture Plating)	Method	LOD	Range	Result	Notes	
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Toreignmatter	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	_	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected		
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected		

**Final Approval** 

Red Calm 151

Brett Hudson 15Nov2024 02:44:00 PM MST

Then Days

Nora Langer 15Nov2024 02:52:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

#### Definitions

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa \*(0.877)) and Total CBD = CBD + (CBDa \*(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa \*(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

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