

JAY & JAY CO LLC
Hemp-Derived Topical Balm – Certificate of Analysis Cover Sheet
COA Batch ID: JIMS-0001
Date of Testing: 04/18/2025
Lab: Kaycha Labs (ISO/IEC 17025 Accredited)

Federal Legal Status

This product complies with the definition of hemp per the 2018 Farm Bill:

“Hemp” means the plant *Cannabis sativa* L. and any part of that plant... with a delta-9 tetrahydrocannabinol concentration of not more than 0.3 percent on a dry weight basis. — 7 U.S.C. § 1639o(1)

This product is:

- Derived from federally legal hemp
- Non-ingestible and non-intoxicating
- Intended for topical external use only
- Labeled in accordance with federal and state guidance

USDA Final Rule & Testing Variance

Under the USDA Final Rule (2021) for hemp testing:

“If the reported THC content is 0.35% and the measurement of uncertainty is $\pm 0.06\%$, the hemp is compliant because 0.35 minus 0.06 equals 0.29%.”

— 7 CFR Part 990, § 990.3(a)(3) ([Federal Register Source](#))

- This product's Total THC: 0.3245%
- Common Measurement Uncertainty (MU): $\pm 0.025\%$
- Effective THC = 0.2995%
→ Compliant under USDA Final Rule

Industry-Standard Labeling Variance

Cannabinoid values on this product's label reflect a $\pm 10\%$ rounding standard, consistent with:

- FDA dietary supplement labeling tolerance
- State-level cannabinoid hemp product guidance (NY, OR, CO, etc.)
- Third-party lab analytical variability

Conclusion

This product:

- Is compliant with federal hemp law (0.3% Total THC with MU)
- Is third-party tested by an ISO-accredited lab
- Is labeled accurately and in good faith
- Is non-consumable and non-intoxicating

Full lab report follows.

For questions:

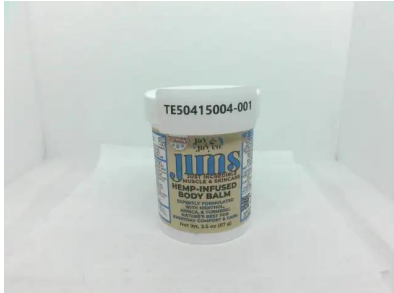
Jay & Jay Co LLC
Support@JayandJayCo.com



Certificate of Analysis

Pages 1 of 6

PASSED



Batch #: 1
Production Method: Other
Total Amount: 1 units
Retail Product Size: 20 gram
Retail Serving Size: 67
Servings: 0.298507

Lab ID: TE50415004-001
Sampled Date: 04/15/25
Sampling Method: N/A
Completed: 04/18/25
Sample Collection Time: 11:00 AM
Sample Size: 43.57 gram
Ordered: 04/15/25

Jay and Jay Co
948 E Eveningstar Ln
Tempe, AZ, 85283, US
License # : D01819333

SAFETY RESULTS

MISC.

Pesticide PASSED	Heavy Metals PASSED	Microbial PASSED	Mycotoxins PASSED	Solvents PASSED	Filtration PASSED	Water Activity NOT TESTED	Moisture Content NOT TESTED	Vitamin E NOT TESTED	Terpenes NOT TESTED



Cannabinoid

PASSED



Total THC
0.3245%



Total CBD
0.7120%



Total Cannabinoids Q3
1.3860%

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	0.2930	0.0360	0.7120	ND	0.2690	ND	0.0020	ND	0.0740	ND	ND
mg/unit	58.600	7.200	142.400	ND	53.800	ND	0.400	ND	14.800	ND	ND
LOQ	0.0001	0.0010	0.0001	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0001
%	%	%	%	%	%	%	%	%	%	%	%

Qualifier

Analyzed by: 333, 540, 547, 572	Weight: 1.0261g	Extraction date: 04/15/25 17:12:18	Extracted by: 333
Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031			
Analytical Batch : TE008476POT			
Instrument Used : TE-245 "Buttercup" (Infused)			
Analyzed Date : 04/16/25 13:31:07			
Batch Date : 04/15/25 10:39:49			

Dilution : 40
Reagent : 040225.R03; 033125.R09; 010825.R24; 020425.R21
Consumables : 0000179471; 947.162; 0000005808; 8000038072; 08-24-2022; 20240202; 1008439554; 121324CH01; 1009015070; 1009944912; 04402004; GD240003
Pipette : TE-059 SN:20A04528 (20-200uL); TE-064 SN:20B27672 (100-1000uL); TE-164 SN: 21H24198 (Isopropanol)

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with Photo Diode Array detector (HPLC-PDA) for analysis. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.031 for sample prep, SOP.T.40.031 for analysis on Shimadzu LC-20X0 series HPLCs). Potency results for cannabis flower products are reported on an "as received" basis, without moisture correction.

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Madison Levy

Lab Director

State License #
00000024LCMD66604568
ISO 17025 Accreditation #
97164

Madison Levy

Signature
04/18/25



Certificate of Analysis

Pages 2 of 6

Sample: **TE50415004-001**
Jay and Jay Co
Telephone: (602) 690-6171
Email: nosajsnvets@gmail.com

Batch #: 1

Ordered: 04/15/25
Sampled: 04/15/25
Completed: 04/18/25

PASSED



Pesticide

PASSED

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
AVERMECTINS (ABAMECTIN B1A)	ppm	0.017	0.25	0.5	PASS	ND	
ACEPHATE	ppm	0.01	0.2	0.4	PASS	ND	
ACETAMIPRID	ppm	0.005	0.1	0.2	PASS	ND	
ALDICARB	ppm	0.014	0.2	0.4	PASS	ND	
AZOXYSTROBIN	ppm	0.005	0.1	0.2	PASS	ND	
BIFENAZATE	ppm	0.006	0.1	0.2	PASS	ND	
BIFENTHRIN	ppm	0.005	0.1	0.2	PASS	ND	
BOSCALID	ppm	0.005	0.2	0.4	PASS	ND	
CARBARYL	ppm	0.008	0.1	0.2	PASS	ND	
CARBOFURAN	ppm	0.005	0.1	0.2	PASS	ND	
CHLORANTRANILIPROLE	ppm	0.011	0.1	0.2	PASS	ND	
CHLORPYRIFOS	ppm	0.005	0.1	0.2	PASS	ND	
CLOFENTEZINE	ppm	0.01	0.1	0.2	PASS	ND	
CYPERMETHRIN	ppm	0.1	0.5	1	PASS	ND	
DIAZINON	ppm	0.006	0.1	0.2	PASS	ND	
DAMINOZIDE	ppm	0.01	0.5	1	PASS	ND	
DICHLORVOS (DDVP)	ppm	0.001	0.05	0.1	PASS	ND	
DIMETHOATE	ppm	0.006	0.1	0.2	PASS	ND	
ETHOPROPHOS	ppm	0.004	0.1	0.2	PASS	ND	
ETOFENPROX	ppm	0.006	0.2	0.4	PASS	ND	
ETOXAZOLE	ppm	0.004	0.1	0.2	PASS	ND	
FENOXYCARB	ppm	0.005	0.1	0.2	PASS	ND	
FENPYROXIMATE	ppm	0.004	0.2	0.4	PASS	ND	
FIPRONIL	ppm	0.006	0.2	0.4	PASS	ND	
FLONICAMID	ppm	0.009	0.5	1	PASS	ND	
FLUDIOXONIL	ppm	0.006	0.2	0.4	PASS	ND	
HEXYTHIAZOX	ppm	0.005	0.5	1	PASS	ND	
IMAZALIL	ppm	0.011	0.1	0.2	PASS	ND	
IMIDACLOPRID	ppm	0.008	0.2	0.4	PASS	ND	
KRESOXIM-METHYL	ppm	0.007	0.2	0.4	PASS	ND	
MALATHION	ppm	0.007	0.1	0.2	PASS	ND	
METALAXYL	ppm	0.004	0.1	0.2	PASS	ND	
METHIOCARB	ppm	0.004	0.1	0.2	PASS	ND	
METHOMYL	ppm	0.005	0.2	0.4	PASS	ND	
MYCLOBUTANIL	ppm	0.01	0.1	0.2	PASS	ND	
NALED	ppm	0.007	0.25	0.5	PASS	ND	
OXAMYL	ppm	0.008	0.5	1	PASS	ND	
PACLOBUTRAZOL	ppm	0.005	0.2	0.4	PASS	ND	
TOTAL PERMETHRINS	ppm	0.003	0.1	0.2	PASS	ND	
PHOSMET	ppm	0.01	0.1	0.2	PASS	ND	
PIPERONYL BUTOXIDE	ppm	0.005	1	2	PASS	ND	
PRALLETHRIN	ppm	0.013	0.1	0.2	PASS	ND	
PROPICONAZOLE	ppm	0.005	0.2	0.4	PASS	ND	
PROPOXUR	ppm	0.005	0.1	0.2	PASS	ND	
TOTAL PYRETHRINS	ppm	0.001	0.5	1	PASS	ND	
PYRIDABEN	ppm	0.004	0.1	0.2	PASS	ND	
TOTAL SPINOSAD	ppm	0.006	0.1	0.2	PASS	ND	
SPIROMESIFEN	ppm	0.008	0.1	0.2	PASS	ND	
SPIROTETRAMAT	ppm	0.006	0.1	0.2	PASS	ND	
SPIROXAMINE	ppm	0.004	0.2	0.4	PASS	ND	
TEBUCONAZOLE	ppm	0.004	0.2	0.4	PASS	ND	
THIACLOPRID	ppm	0.006	0.1	0.2	PASS	ND	
THIAMETHOXAM	ppm	0.006	0.1	0.2	PASS	ND	
TRIFLOXYSTROBIN	ppm	0.006	0.1	0.2	PASS	ND	
CHLORFENAPYR	ppm	0.027	0.3	1	PASS	ND	
CYFLUTHRIN	ppm	0.015	0.5	1	PASS	ND	

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Madison Levy

Lab Director

State License #
00000024LCMD66604568
ISO 17025 Accreditation #
97164

Signature
04/18/25



Certificate of Analysis

Pages 3 of 6

Sample: **TE50415004-001**
Jay and Jay Co
Telephone: (602) 690-6171
Email: nosajsnvets@gmail.com

Batch #: 1

Ordered: 04/15/25
Sampled: 04/15/25
Completed: 04/18/25

PASSED

	Pesticide	PASSED
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ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
Analized by: 410, 432, 152, 547, 572		Weight: 0.5056g	Extraction date: 04/16/25 18:10:26			Extracted by: 410		
Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ								
Analytical Batch : TE008480PES								
Instrument Used : TE-262 "MS/MS - Pest/Myco 2",TE-117 UHPLC - Pest/Myco 2						Batch Date : 04/15/25 12:43:43		
Analized Date : 04/18/25 14:37:47								
Dilution : 25								
Reagent : 040825.R05; 040825.R01; 032425.R07; 030625.R06; 040125.R25; 041025.R19; 033125.R05; 040125.R26; 041823.06								
Consumables : 9479291.162; 8000038072; 102324CH01; 220321-306-D; 1009944912; GD240003								
Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)								
Pesticide screening is carried out using LC-MS/MS supplemented by GC-MS/MS for volatile pesticides. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.104.AZ for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC).								

Analyzed by: 410, 432, 152, 547, 572	Weight: 0.5056g	Extraction date: 04/16/25 18:10:26	Extracted by: 410
Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ			
Analytical Batch : TE008509VOL			
Instrument Used : TE-117 UHPLC - Pest/Myco 2,TE-262 "MS/MS - Pest/Myco 2		Batch Date : 04/16/25 18:12:08	
Analyzed Date : 04/18/25 14:43:35			
Dilution : 25			
Reagent : 040825.R05; 040825.R01; 032425.R07; 030625.R06; 040125.R25; 041025.R19; 033125.R05; 040125.R26; 041823.06			
Consumables : 9479291.162; 8000038072; 102324CH01; 220321-306-D; 1009944912; GD240003			
Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)			
Supplemental pesticide screening using GC-MS/MS to quantitatively screen for Chlorfenapyr, Cyfluthrin, Cypermethrin, and Diazinon; as well as the qualitative confirmation of Dichlorvos, Permethrins, Piperonyl Butoxide, Prallethrin, Propiconazole, Pyrethrins, and Tebuconazole which are all quantitatively screened using LC-MS/MS. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.154.AZ for analysis using a ThermoScientific 1310-series GC equipped with a TriPlus RSH autosampler and detected on a TSQ 9000-series mass spectrometer).			

	Residual Solvents	PASSED
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ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
BUTANES	ppm	168.2	2400	5000	PASS	ND	M2
METHANOL	ppm	87.7	1440	3000	PASS	ND	M2
PENTANES	ppm	163.9	2400	5000	PASS	ND	M2
ETHANOL	ppm	142.2	2400	5000	PASS	ND	M2
ETHYL ETHER	ppm	193.1	2400	5000	PASS	ND	M2
ACETONE	ppm	37.6	480	1000	PASS	ND	M2
2-PROPANOL	ppm	156.2	2400	5000	PASS	ND	M2
ACETONITRILE	ppm	12.2	196.8	410	PASS	ND	M2
DICHLOROMETHANE	ppm	22.7	288	600	PASS	ND	M2
HEXANES	ppm	8.4	139.2	290	PASS	ND	M2
ETHYL ACETATE	ppm	179	2400	5000	PASS	ND	M2
CHLOROFORM	ppm	2.41	28.8	60	PASS	ND	M2
BENZENE	ppm	0.115	1.2	2	PASS	ND	M2
ISOPROPYL ACETATE	ppm	168.6	2400	5000	PASS	ND	M2
HEPTANE	ppm	152.8	2400	5000	PASS	ND	M2
TOLUENE	ppm	26.2	427.2	890	PASS	ND	M2
XYLENES	ppm	53.2	1041.6	2170	PASS	ND	M2

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Certificate of Analysis

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Sample: TE50415004-001
Jay and Jay Co
Telephone: (602) 690-6171
Email: nosajsnvets@gmail.com

Batch #: 1

Ordered: 04/15/25
Sampled: 04/15/25
Completed: 04/18/25

PASSED



Residual Solvents

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 334, 547, 572		Weight: 0.0207g		Extraction date: 04/15/25 13:25:25			Extracted by: 334	
Analysis Method : SOP.T.40.044.AZ								
Analytical Batch : TE008475SOL								
Instrument Used : TE-092 "GC - Solvents 1",TE-095 "MS - Solvents 1",TE-098 "Injector - Solvents 1",TE-100 "HS - Solvents 1",TE-113 "Vacuum Pump - Solvents 1"								
Batch Date : 04/15/25 10:25:57								
Analyzed Date : 04/17/25 09:20:56								

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. (Method: SOP.T.40.044.AZ for sample prep and analysis via ThermoScientific 1310-series GC equipped with a TriPlus 500 Headspace autosampler and detection carried out by ISQ7000-series mass spectrometer). Butanes are reported as the sum of n-Butane and Isobutane. Pentanes are reported as the sum of n-Pentane, Isopentane, and Neopentane. Hexanes are reported as the sum of n-Hexane, 2-Methylpentane, 3-Methylpentane, 2,2-Dimethylbutane, and 2,3-Dimethylbutane. Xylenes are reported as the sum of Ethyl Benzene, m-Xylene, p-Xylene, and o-Xylene.



Microbial

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
SALMONELLA SPP.		pass/fail	0	0	1	PASS	Not Present in 1g	
ESCHERICHIA COLI (REC)		CFU/g	10	10	100	PASS	<10	
TYM		Colonies	1	10		TESTED	ND	Q3
Analyzed by: 87, 547, 572		Weight: 1.0094g		Extraction date: 04/16/25 15:58:49			Extracted by: 87	
Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ								
Analytical Batch : TE008485MIC								
Instrument Used : TE-234 "bioMerieux GENE-UP"					Batch Date : 04/15/25 13:38:39			
Analyzed Date : 04/17/25 15:04:10								

Microbiological screening for bacterial and fungal identification via Polymerase Chain Reaction (PCR) methods consisting of sample DNA amplified via tandem PCR as a crude lysate without purification. (Methods: SOP.T.40.056B for sample prep and screening for Salmonella and Aspergillus sp. by PathogenDx Detectx Combined using a SensoSpot Microarray Analyzer and SOP.T.40.209.AZ for quantitative plating of E. coli on 3M Rapid E. coli Petrifilm and confirmation of Aspergillus sp. on SabDex agar for derivative products). All qualitative microbial testing is reported as detected/not detected in 1g.

Analyzed by: 87, 547, 572	Weight: 1g	Extraction date: 04/18/25 17:33:17	Extracted by: 87
Dilution : 10 Reagent : N/A Consumables : N/A Pipette : N/A			

Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.



Mycotoxins

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
TOTAL AFLATOXINS		ppb	1.487	4.851	20	PASS	ND	
AFLATOXIN B1		ppb	1.47	4.851	20	PASS	ND	
AFLATOXIN B2		ppb	1.8	5.94	20	PASS	ND	
AFLATOXIN G1		ppb	1.9	6.27	20	PASS	ND	

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Email: nosajsnvets@gmail.com

Batch #: 1

Ordered: 04/15/25
Sampled: 04/15/25
Completed: 04/18/25

PASSED



Mycotoxins

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
AFLATOXIN G2		ppb	3.25	10.725	20	PASS	ND	
OCHRATOXIN A		ppb	4.61	12	20	PASS	ND	
Analyzed by: 410, 432, 152, 547, 572		Weight: 0.5056g		Extraction date: 04/16/25 18:10:26		Extracted by: 410		
Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ								
Analytical Batch : TE008510MYC								
Instrument Used : TE-262 "MS/MS - Pest/Myco 2,TE-117 UHPLC - Pest/Myco 2						Batch Date : 04/16/25 18:12:47		
Analyzed Date : 04/18/25 14:55:05								
Dilution : 25								
Reagent : 040825.R05; 040825.R01; 032425.R07; 030625.R06; 040125.R25; 041025.R19; 033125.R05; 040125.R26; 041823.06								
Consumables : 9479291.162; 8000038072; 102324CH01; 220321-306-D; 1009944912; GD240003								
Pipette : TE-062 SN:20C50491; TE-064 SN:20B27672 (100-1000uL)								

Aflatoxins B1, B2, G1, G2, and Ochratoxin A analysis using LC-MS/MS. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.104.AZ for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC). Total Aflatoxins (sum of Aflatoxins B1, B2, G1, G2) must be <20µg/kg. Ochratoxin must be <20µg/kg.



Heavy Metals

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
ARSENIC		ppm	0.066	0.2	0.4	PASS	ND	
CADMIUM		ppm	0.066	0.2	0.4	PASS	ND	
LEAD		ppm	0.166	0.5	1	PASS	ND	
MERCURY		ppm	0.0333	0.1	1.2	PASS	ND	
Analyzed by: 398, 547, 572		Weight: 0.2028g		Extraction date: 04/15/25 15:10:56			Extracted by: 445,398	
Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ								
Analytical Batch : TE008492HEA								
Instrument Used : TE-051 "Metals Hood",TE-141 "Wolfgang",TE-307 "Ted",TE-311 "Ted PC",TE-308 "Ted Chiller",TE-310 "Ted AS",TE-309 "Ted Pump",TE-312 "Ted Monitor"								
Analyzed Date : 04/18/25 19:47:16							Batch Date : 04/15/25 15:09:51	
Dilution : 50								
Reagent : 102824.04; 040825.R04; 041525.R05; 010325.02; 040425.01; 090922.04								
Consumables : 102324CH01; 220321-306-D; 1009944912; GD240003								
Pipette : TE-063 SN:20C50490 (20-200uL); TE-110 SN:20B18338 (100-1000uL); TE-169 SN: 20B16352 (Nitric Acid)								

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.084.AZ for sample prep by microwave digestion, and SOP.T.40.084.AZ for analysis by ThermoScientific iCAP RQ ICP-MS).



Other

TESTED

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
QUANT TOTAL AEROBIC BACTERIA	CFU/g	100	100		TESTED	ND	Q3
Analyzed by: N/A		Weight: NA		Extraction date: N/A		Extracted by: N/A	



Filtration/Foreign Material

PASSED

ANALYTES	UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
FILTH AND FOREIGN MATERIAL	%	0.3	1	3	PASS	ND	Q3

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Madison Levy
Lab Director
State License #
00000024LCMD66604568
ISO 17025 Accreditation #
97164

Madison Levy
Signature
04/18/25



1231 W. Warner Road, Suite 105
Tempe, AZ, 85284, US
(561) 322-9740

Kaycha Labs
Jims Hemp Infused Body Balm
Matrix: Infused
Classification: Topical
Type: Balm



Certificate of Analysis

Pages 6 of 6

Sample: TE50415004-001
Jay and Jay Co
Telephone: (602) 690-6171
Email: nosajsnevets@gmail.com

Batch #: 1

Ordered: 04/15/25
Sampled: 04/15/25
Completed: 04/18/25

PASSED



Filt/Foreign Material

PASSED

ANALYTES		UNIT	LOD	LOQ	ACTION LEVEL	PASS/FAIL	RESULT	QUALIFIER
Analyzed by: 87, 547, 572	Weight: 1g	Extraction date: 04/18/25 17:32:33					Extracted by: 87	
Analysis Method : SOP.T.40.090								
Analytical Batch : TE008553FIL								
Instrument Used : N/A		Batch Date : 04/18/25 17:31:22						
Analyzed Date : 04/18/25 19:40:32								
Dilution : N/A								
Reagent : N/A								
Consumables : N/A								
Pipette : N/A								

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