



A2J Cultivation/Joel's Cannabis
1039 E Carefree Hwy
Suite E
Phoenix
AZ
85085
License #:
Sample ID: 2510SMAZ1915.5721
Batch #: A2J-250814-002

Certificate: 17785



SMITHERS

CERTIFICATE OF ANALYSIS
License #: 00000020LCVT89602592

A2J-250814-002

Batch #: A2J-250814-002
Strain: Thin Mint
Parent Batch #:
Production Method: Indoor
Harvest Date: 10/06/2025
Received: 10/30/2025

Sample ID: 2510SMAZ1915.5721
Amount Received: 17 g
Sample Type: Flower - Cured
Sample Collected: 10/30/2025 14:50:00
Manufacture Date:
Published: 11/04/2025



COMPLIANCE FOR RETAIL

Regulated Analytes

Cannabinoid Profile (Q3) Tested	Microbial Contaminants Pass	Residual Solvents Not Tested
Pesticides, Fungicides, and Growth Regulators Pass	Mycotoxins Pass	Heavy Metals Pass

Additional Analytes (Not Regulated)

Terpenes Total (Q3) Tested	Moisture Analysis (Q3) Tested	Water Activity (Q3) Not Tested
Filth & Foreign (Q3) Not Tested	Homogeneity (Q3) Not Tested	Additional Microbial Contaminants (Q3) Not Tested

22.7507%
Total THC

ND
Total CBD

ND
CBN

ND
CBG

26.9012%
Total Cannabinoids (Q3)

Ahmed Munshi

Technical Laboratory Director

Smithers CTS Arizona LLC
734 W Highland Avenue, 2nd Floor
Phoenix, AZ 85013
(602) 806-6930



Accreditation #: 103104

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Cannabinoid Profile

HPLC

Tested

Sample Prep

Batch Date: 10/30/2025
SOP: 418.AZ
Batch Number: 4448
Test ID: 98911

Sample Analysis

Date: 10/31/2025
SOP: 417.AZ - HPLC
Sample Weight: 0.102 g
Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
CBC	0.1260	0.3830	1	ND	ND	
CBD	0.1260	0.3830	1	ND	ND	
CBDA	0.1260	0.3830	1	ND	ND	
CBDV	0.1260	0.3830	1	ND	ND	
CBG	0.1260	0.3830	1	ND	ND	
CBGA	0.1260	0.3830	1	1.0075	10.0750	
CBN	0.1260	0.3830	1	ND	ND	
d8-THC	0.1260	0.3830	1	ND	ND	
d9-THC	0.1260	0.3830	1	0.3404	3.4040	
THCA	0.1260	0.3830	1	25.5534	255.5340	
THCV	0.1260	0.3830	1	ND	ND	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	22.7507	227.5070	
Total CBD	ND	ND	
Total Cannabinoids	26.9012	269.0120	Q3

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)
ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

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License #: 00000020LCVT89602592

Terpene Total

GC-FID

Tested (2.2058%)

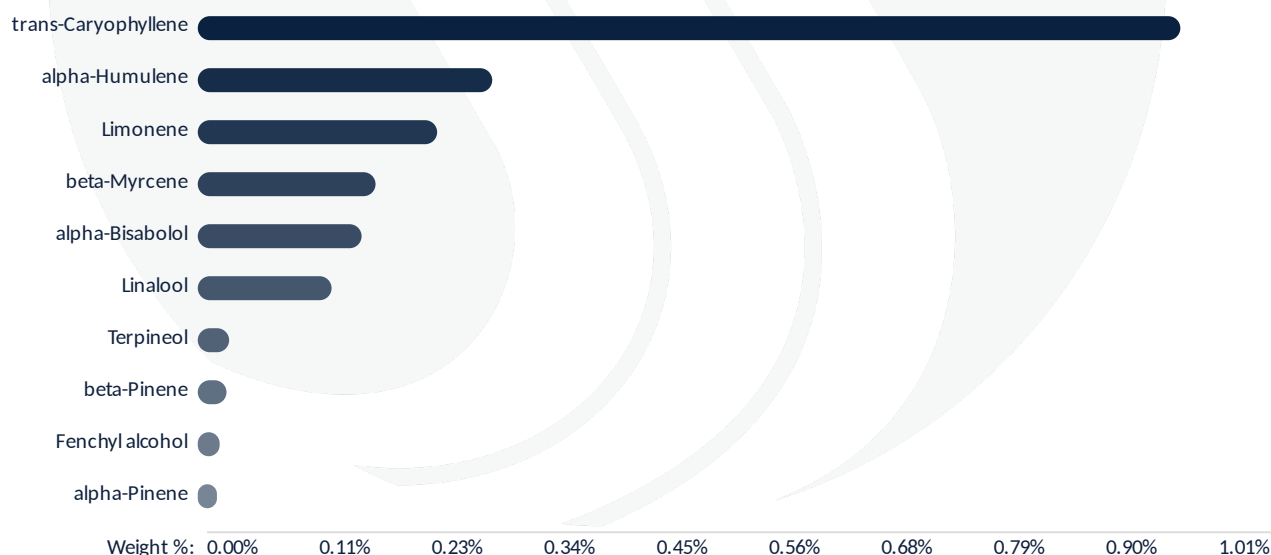
Sample Prep

Batch Date: 11/03/2025
SOP: 419
Batch Number: 4460

Sample Analysis

Date: 11/04/2025
SOP: 419 - GC-FID
Sample Weight: 0.419 g
Volume: 10 mL

Analyte	LOD / LOQ (%)	Dil.	Results (%)	Qualifier	Analyte	LOD / LOQ (%)	Dil.	Results (%)	Qualifier
alpha-Bisabolol	0.0010 / 0.0029	1	0.1692	Q3	gamma-Terpinene	0.0010 / 0.0029	1	ND	Q3
alpha-Cedrene	0.0010 / 0.0029	1	ND	Q3	Geraniol	0.0010 / 0.0029	1	ND	Q3
alpha-Humulene	0.0010 / 0.0029	1	0.3041	Q3	Geranyl acetate	0.0010 / 0.0029	1	ND	Q3
alpha-Phellandrene	0.0010 / 0.0029	1	ND	Q3	Guaiol	0.0010 / 0.0029	1	ND	Q3
alpha-Pinene	0.0010 / 0.0029	1	0.0198	Q3	Hexahydrothymol	0.0010 / 0.0029	1	ND	Q3
alpha-Terpinene	0.0010 / 0.0029	1	ND	Q3	Isoborneol	0.0010 / 0.0029	1	ND	Q3
beta-Myrcene	0.0010 / 0.0029	1	0.1836	Q3	Isopulegol	0.0010 / 0.0029	1	ND	Q3
beta-Pinene	0.0010 / 0.0029	1	0.0297	Q3	Limonene	0.0010 / 0.0029	1	0.2472	Q3
Borneol	0.0010 / 0.0029	1	0.0058	Q3	Linalool	0.0010 / 0.0029	1	0.1382	Q3
Camphene	0.0010 / 0.0029	1	0.0065	Q3	Nerol	0.0010 / 0.0029	1	ND	Q3
Camphor	0.0010 / 0.0029	1	ND	Q3	Pulegone (+)	0.0010 / 0.0029	1	ND	Q3
3-Carene	0.0010 / 0.0029	1	ND	Q3	Sabinene Hydrate	0.0010 / 0.0029	1	ND	Q3
Caryophyllene oxide	0.0010 / 0.0029	1	0.0142	Q3	Terpineol	0.0010 / 0.0029	1	0.0324	Q3
Cedrol	0.0010 / 0.0029	1	0.0178	Q3	Terpinolene	0.0010 / 0.0029	1	<LOQ	Q3
cis-Nerolidol	0.0010 / 0.0029	1	ND	Q3	trans-Caryophyllene	0.0010 / 0.0029	1	1.0147	Q3
cis-Ocimene	0.0010 / 0.0029	1	ND	Q3	trans-Nerolidol	0.0010 / 0.0029	1	ND	Q3
Fenchyl alcohol	0.0010 / 0.0029	1	0.0226	Q3	trans-Ocimene	0.0010 / 0.0029	1	ND	Q3
Eucalyptol	0.0010 / 0.0029	1	ND	Q3	Valencene	0.0010 / 0.0029	1	ND	Q3
Fenchone	0.0010 / 0.0029	1	<LOQ	Q3					



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Microbial Analysis

Pass

Sample Prep

Batch Date: 11/03/2025
SOP: 412.AZ
Batch Number: 4466
Test ID: 98931

Sample Analysis

Date: 11/04/2025
SOP: 412.AZ - 3M Petrifilm
Sample Weight: 1.011 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 100 CFU/g	< 10 CFU/g	Pass	

Sample Prep

Batch Date: 11/03/2025
SOP: 406.AZ
Batch Number: 4462
Test ID: 98932

Sample Analysis

Date: 11/04/2025
SOP: 406.AZ - qPCR (MG)
Sample Weight: 1.012 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Salmonella	Not Detected in One Gram	Not Detected in One Gram	Pass	

Sample Prep

Batch Date: 11/03/2025
SOP: 406.AZ
Batch Number: 4462
Test ID: 98933

Sample Analysis

Date: 11/04/2025
SOP: 406.AZ - qPCR (MG)
Sample Weight: 1.012 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Aspergillus flavus	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus fumigatus	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus niger	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus terreus	Not Detected in One Gram	Not Detected in One Gram	Pass	

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Heavy Metals

ICP-MS

Pass

Sample Prep

Batch Date: 10/31/2025
SOP: 428.AZ
Batch Number: 4454
Test ID: 98912

Sample Analysis

Date: 10/31/2025
SOP: 428.AZ - ICP-MS
Sample Weight: 0.238 g
Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.050	0.168	10	0.4	ND	
Cadmium	0.050	0.168	10	0.4	ND	
Lead	0.050	0.420	10	1	ND	
Mercury	0.050	0.084	10	0.2	ND	

Mycotoxin Analysis

LC-MS/MS

Pass

Sample Prep

Batch Date: 11/03/2025
SOP: 432.AZ
Batch Number: 4461
Test ID: 98916

Sample Analysis

Date: 11/03/2025
SOP: 424.AZ - LC-MS/MS
Sample Weight: 0.535 g
Volume: 12.5 mL

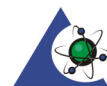
Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.74	9.35	1	20	ND	R1 V1
Aflatoxin B1	3.74	9.35	1		ND	
Aflatoxin B2	3.74	9.35	1		ND	
Aflatoxin G1	3.74	9.35	1		ND	I1
Aflatoxin G2	3.74	4.67	1		ND	I1, R1 V1
Ochratoxin A	9.35	9.35	1	20	ND	I1

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Certificate: 17785

Pesticides, Fungicides, and Growth Regulators LC-MS/MS Pass

Sample Prep

Batch Date: 11/03/2025
SOP: 432.AZ
Batch Number: 4461
Test ID: 98915

Sample Analysis

Date: 11/03/2025
SOP: 424.AZ - LC-MS/MS
Sample Weight: 0.535 g
Volume: 12.5 mL

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Abamectin B1a	0.078 / 0.234	1	0.5	ND		Hexythiazox	0.156 / 0.467	1	1	ND	
Acephate	0.063 / 0.187	1	0.4	ND		Imazalil	0.031 / 0.093	1	0.2	ND	
Acetamiprid	0.031 / 0.093	1	0.2	ND		Imidacloprid	0.063 / 0.187	1	0.4	ND	
Aldicarb	0.063 / 0.187	1	0.4	ND		Kresoxim-methyl	0.063 / 0.187	1	0.4	ND	
Azoxystrobin	0.031 / 0.093	1	0.2	ND		Malathion	0.031 / 0.093	1	0.2	ND	
Bifenazate	0.031 / 0.093	1	0.2	ND	V1	Metaxyl	0.031 / 0.093	1	0.2	ND	
Bifenthrin	0.031 / 0.093	1	0.2	ND		Methiocarb	0.031 / 0.093	1	0.2	ND	
Boscalid	0.063 / 0.187	1	0.4	ND		Methomyl	0.063 / 0.187	1	0.4	ND	
Carbaryl	0.031 / 0.093	1	0.2	ND		Myclobutanil	0.031 / 0.093	1	0.2	ND	
Carbofuran	0.031 / 0.093	1	0.2	ND		Naled	0.078 / 0.234	1	0.5	ND	
Chlorantraniliprole	0.031 / 0.093	1	0.2	ND		Oxamyl	0.156 / 0.467	1	1	ND	
Chlorfenapyr	0.156 / 0.467	1	1	ND	I1	Paclobutrazol	0.063 / 0.187	1	0.4	ND	I1
Chlorpyrifos	0.031 / 0.093	1	0.2	ND		Permethrins	0.031 / 0.093	1	0.2	ND	
Clofentezine	0.031 / 0.093	1	0.2	ND		Phosmet	0.031 / 0.093	1	0.2	ND	
Cyfluthrin	0.156 / 0.467	1	1	ND		Piperonyl Butoxide	0.311 / 0.935	1	2	ND	
Cypermethrin	0.156 / 0.467	1	1	ND		Prallethrin	0.031 / 0.093	1	0.2	ND	
Daminozide	0.156 / 0.467	1	1	ND		Propiconazole	0.063 / 0.187	1	0.4	ND	
Diazinon	0.031 / 0.093	1	0.2	ND		Propoxur	0.031 / 0.093	1	0.2	ND	
Dichlorvos	0.016 / 0.047	1	0.1	ND		Pyrethrins	0.131 / 0.392	1	1	ND	
Dimethoate	0.031 / 0.093	1	0.2	ND		Pyridaben	0.031 / 0.093	1	0.2	ND	
Ethoprophos	0.031 / 0.093	1	0.2	ND		Spinosad	0.031 / 0.093	1	0.2	ND	
Etofenprox	0.063 / 0.187	1	0.4	ND		Spiromesifen	0.031 / 0.093	1	0.2	ND	
Etoxazole	0.031 / 0.093	1	0.2	ND		Spirotetramat	0.031 / 0.093	1	0.2	ND	
Fenoxycarb	0.031 / 0.093	1	0.2	ND		Spiroxamine	0.063 / 0.187	1	0.4	ND	
Fenpyroximate	0.063 / 0.187	1	0.4	ND		Tebuconazole	0.063 / 0.187	1	0.4	ND	
Fipronil	0.063 / 0.187	1	0.4	ND		Thiacloprid	0.031 / 0.093	1	0.2	ND	
Flonicamid	0.156 / 0.467	1	1	ND		Thiamethoxam	0.031 / 0.093	1	0.2	ND	
Fludioxonil	0.063 / 0.187	1	0.4	ND		Trifloxystrobin	0.031 / 0.093	1	0.2	ND	

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Moisture Analysis

Moisture: **9.27 %**
Qualifier: Q3

Sample Prep and Analysis

Date: 10/30/2025
SOP: 411 - Moisture Balance
Sample Weight: 0.302 g

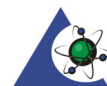


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Qualifier Legend

- B1** The target analyte detected in the calibration is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of quantitation.
- B2** The target analyte detected in the calibration blank, or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, is below the maximum allowable concentration for the analyte.
- D1** The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- I1** The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference.
- L1** When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.
- M1** The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria.
- M2** The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria.
- M3** The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria.
- M4** The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria.
- M5** The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample.
- M6** A description of the variance is described in the final report of testing according to R9-17-404.06(B)(3)(d)(ii).
- Q1** Sample integrity was not maintained.
- Q2** The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices.
- Q3** Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317.
- R1** The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria.
- R2** The relative percent difference for a sample and duplicate exceeded the limit.
- V1** The recovery from continuing calibration verification standards exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable for the analytes in the sample.

Cultivated By:

Manufactured By:

Disclaimer: Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

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