



Cake Berry

Sample ID: G2J0169-02

Matrix: Industrial Hemp

Test ID: 5028253

Source ID:

Date Sampled: 10/12/22

Date Accepted: 10/12/22

Farm 10

Results at a Glance

Total THC : 0.68 %

Total CBD : 13 %

Total CBG : 1.3 %

Percent Moisture : 8.20 % **PASS**

Total Terpenes : 2.684 % **PASS**



**ISO 17025
ACCREDITED
LABORATORY**

Patrick Hermonson
Chemist - 10/21/2022



Cake Berry

Sample ID: G2J0169-02

Matrix: Industrial Hemp

Test ID: 5028253

Source ID:

Date Sampled: 10/12/22

Date Accepted: 10/12/22

Farm 10

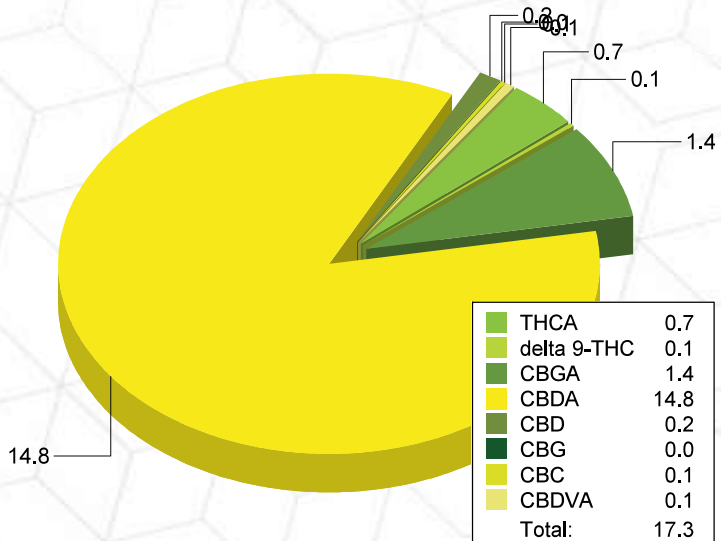
Potency Analysis

Date/Time Extracted: 10/14/22 11:41

Analysis Method/SOP: 215

Batch Identification: 2242043

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.010	0.68	6.8		
Total CBD	0.009	13	130		
Total CBG	0.0009	1.3	13		
THCA	0.0005	0.70	7		
delta 9-THC	0.0005	0.062	0.62		
delta 8-THC	0.005	< LOQ	< LOQ		
THCV	0.006	< LOQ	< LOQ		
THCVA	0.002	< LOQ	< LOQ		
CBD	0.002	0.25	2.5		
CBDA	0.002	15	150		
CBDV	0.005	< LOQ	< LOQ		
CBDVA	0.002	0.081	0.81		
CBN	0.003	< LOQ	< LOQ		
CBG	0.0009	0.012	0.12		
CBGA	0.0009	1.4	14		
CBC	0.010	0.053	0.53		



Moisture

Date/Time Extracted: 10/13/22 15:52

Analysis Method/SOP: 103

Moisture: 8.20 %

Action Level: 15%

Potency results are reported on a dry weight basis.

Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

Total CBG = CBG + (CBGA * 0.878)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



Patrick Hermonson
Chemist - 10/21/2022



Cake Berry

Sample ID: G2J0169-02

Matrix: Industrial Hemp

Test ID: 5028253

Source ID:

Date Sampled: 10/12/22

Date Accepted: 10/12/22

Farm 10

Terpene Analysis by GCMS

Date/Time Extracted: 10/14/22 11:41

Analysis Method/SOP: 204

Date/Time Analyzed: 10/15/22 18:03

Analyte	Result	LOD	LOQ	Units	Analyte	Result	LOD	LOQ	Units
(-)-Borneol	< LOQ	0.001	0.003	mg/g	(+)-Borneol	< LOQ	0.001	0.003	mg/g
3-Carene	< LOQ	0.001	0.003	mg/g	alpha-Bisabolol	1.46	0.001	0.003	mg/g
alpha-Cedrene	< LOQ	0.001	0.003	mg/g	alpha-Humulene	0.99	0.001	0.003	mg/g
Alpha-Phellandrene	< LOQ	0.001	0.003	mg/g	alpha-Pinene	2.42	0.001	0.003	mg/g
alpha-Terpinene	< LOQ	0.001	0.003	mg/g	alpha-Thujone	< LOQ	0.001	0.003	mg/g
A-Terpineol	< LOQ	0.001	0.003	mg/g	beta-Caryophyllene	2.99	0.001	0.003	mg/g
beta-Myrcene	9.11	0.001	0.003	mg/g	beta-Pinene	1.16	0.001	0.003	mg/g
Camphene	< LOQ	0.001	0.003	mg/g	Camphor	< LOQ	0.001	0.003	mg/g
Carvacrol	< LOQ	0.001	0.003	mg/g	Carvone	< LOQ	0.001	0.003	mg/g
Caryophyllene Oxide	< LOQ	0.001	0.003	mg/g	Cedrol	< LOQ	0.001	0.003	mg/g
Cis-beta-Farnesene	0.58	0.001	0.003	mg/g	Cis-beta-Ocimene	< LOQ	0.001	0.003	mg/g
cis-Nerolidol	< LOQ	0.001	0.003	mg/g	Citral	< LOQ	0.001	0.003	mg/g
Citronellol	< LOQ	0.001	0.003	mg/g	Endo-fenchyl alcohol	< LOQ	0.001	0.003	mg/g
Eucalyptol	< LOQ	0.001	0.003	mg/g	Farnesol 1	1.68	0.001	0.003	mg/g
Farnesol 2	< LOQ	0.001	0.003	mg/g	gamma-Terpinene	< LOQ	0.001	0.003	mg/g
Geraniol	< LOQ	0.001	0.003	mg/g	Geranyl acetate	< LOQ	0.001	0.003	mg/g
Guaiol	0.97	0.001	0.003	mg/g	Isoborneol	< LOQ	0.001	0.003	mg/g
Isobornyl Acetate	< LOQ	0.001	0.003	mg/g	Isopulegol	< LOQ	0.001	0.003	mg/g
Limonene	2.15	0.001	0.003	mg/g	Linalool	1	0.001	0.003	mg/g
Menthol	< LOQ	0.001	0.003	mg/g	Menthone	< LOQ	0.001	0.003	mg/g
Nootkatone	< LOQ	0.001	0.003	mg/g	Octyl Acetate	< LOQ	0.001	0.003	mg/g
p-Cymene	< LOQ	0.001	0.003	mg/g	Phytane	< LOQ	0.001	0.003	mg/g
Piperitone	< LOQ	0.001	0.003	mg/g	Pulegone	< LOQ	0.001	0.003	mg/g
Sabinene	< LOQ	0.001	0.003	mg/g	Sabinene hydrate	< LOQ	0.001	0.003	mg/g
Safranal	< LOQ	0.001	0.003	mg/g	Squalene	< LOQ	0.001	0.003	mg/g
Terpinen-4-ol	< LOQ	0.001	0.003	mg/g	Terpinolene	< LOQ	0.001	0.003	mg/g
Thymol	< LOQ	0.001	0.003	mg/g	trans-beta-Farnesene	< LOQ	0.001	0.003	mg/g
trans-beta-Ocimene	1.21	0.001	0.003	mg/g	trans-Nerolidol	0.68	0.001	0.003	mg/g
Valencene	< LOQ	0.001	0.003	mg/g	Verbenone	< LOQ	0.001	0.003	mg/g
Total Terpenes	26.84	0.001	0.003	mg/g					

ND - Compound not detected, <LOQ - Results below the Limit of Quantitation
Terpenes are not Accredited by ORELAP to TNI 2016



Patrick Hermonson
Chemist - 10/21/2022



These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

This is for informational testing and is not compliance testing. Lab results apply to the sample as received.



Cake Berry

Sample ID: G2J0169-02

Matrix: Industrial Hemp

Test ID: 5028253

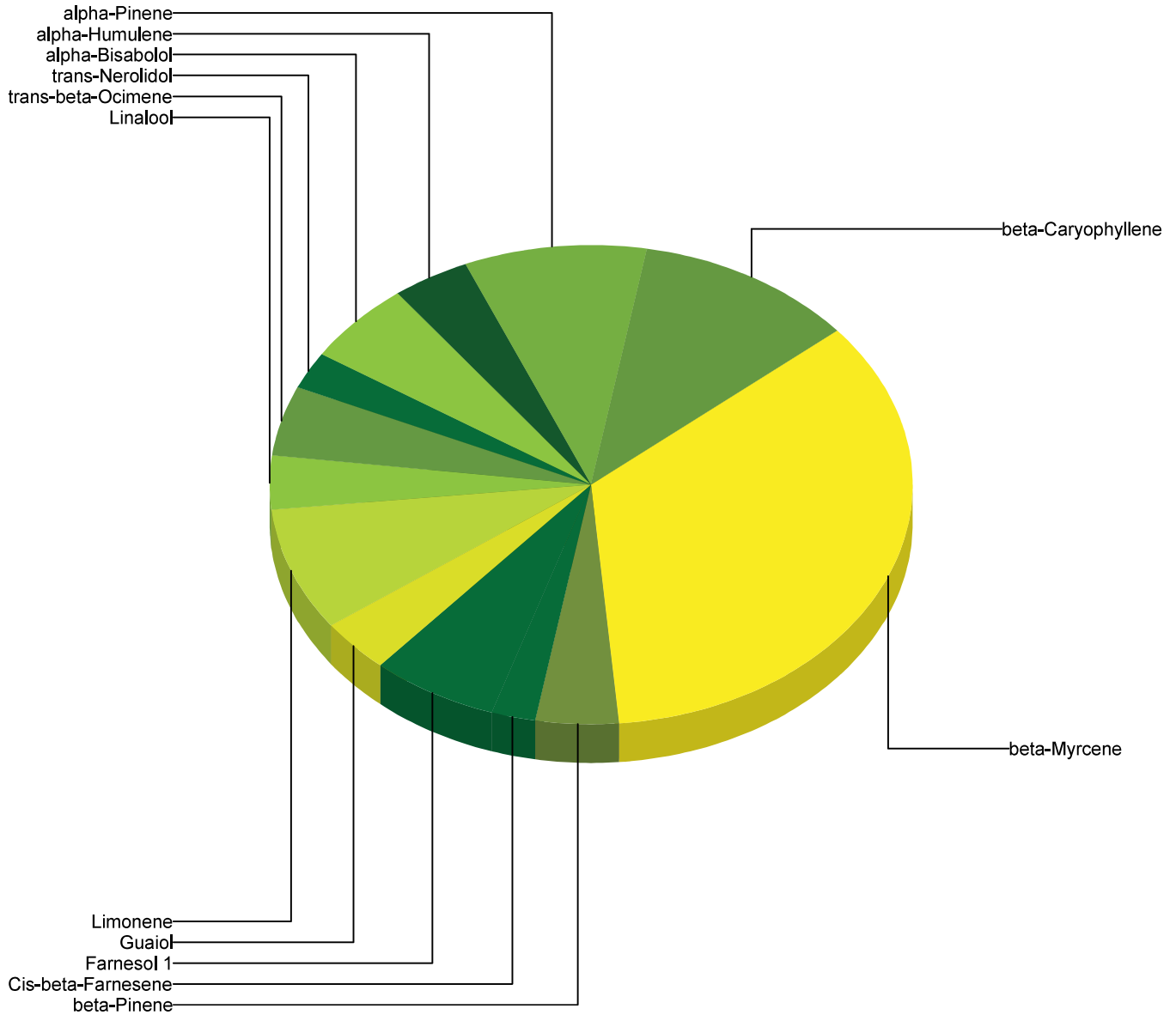
Source ID:

Date Sampled: 10/12/22

Date Accepted: 10/12/22

Farm 10

Terpene Profile



Percentage of Total Terpenes Identified



Patrick Hermonson
Chemist - 10/21/2022



Quality Control Potency

Batch: 2242043 - 215-Hemp

Blank(2242043-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		10/14/22 11:41	10/14/22 20:46	
delta 9-THC	< LOQ	0.0005	%		10/14/22 11:41	10/14/22 20:46	
delta 8-THC	< LOQ	0.004	%		10/14/22 11:41	10/14/22 20:46	
THCV	< LOQ	0.005	%		10/14/22 11:41	10/14/22 20:46	
THCVA	< LOQ	0.002	%		10/14/22 11:41	10/14/22 20:46	
CBD	< LOQ	0.0005	%		10/14/22 11:41	10/14/22 20:46	
CBDA	< LOQ	0.0005	%		10/14/22 11:41	10/14/22 20:46	
CBDV	< LOQ	0.005	%		10/14/22 11:41	10/14/22 20:46	
CBDVA	< LOQ	0.002	%		10/14/22 11:41	10/14/22 20:46	
CBN	< LOQ	0.003	%		10/14/22 11:41	10/14/22 20:46	
CBG	< LOQ	0.0008	%		10/14/22 11:41	10/14/22 20:46	
CBGA	< LOQ	0.0008	%		10/14/22 11:41	10/14/22 20:46	
CBC	< LOQ	0.009	%		10/14/22 11:41	10/14/22 20:46	

Reference(2242043-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.0	0.0005	%	90-110	10/14/22 11:41	10/14/22 21:09	
delta 9-THC	99.6	0.0005	%	90-110	10/14/22 11:41	10/14/22 21:09	
delta 8-THC	94.4	0.004	%	90-110	10/14/22 11:41	10/14/22 21:09	
CBD	94.6	0.0005	%	90-110	10/14/22 11:41	10/14/22 21:09	
CBDA	98.5	0.0005	%	90-110	10/14/22 11:41	10/14/22 21:09	

Moisture Content

Batch: 2242038 - 103

Blank(2242038-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.640		%		10/13/22 15:52	10/13/22 15:52	

Blank(2242038-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.600		%		10/13/22 15:52	10/13/22 15:52	

Reference(2242038-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	114		%	80-120	10/13/22 15:52	10/13/22 15:52	

Reference(2242038-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	115		%	80-120	10/13/22 15:52	10/13/22 15:52	

Batch: 2242043 - 215-Hemp

Blank(2242043-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes



Patrick Hermonson
Chemist - 10/21/2022



Quality Control Terpene Analysis (Continued)

Batch: 2242043 - 215-Hemp (Continued)

Blank(2242043-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
alpha-Bisabolol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Camphene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Camphor	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
3-Carene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
beta-Caryophyllene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Caryophyllene Oxide	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
alpha-Cedrene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Cedrol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Endo-fenchyl alcohol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Eucalyptol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Geraniol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Geranyl acetate	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Guaiol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
alpha-Humulene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Isoborneol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Isopulegol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Limonene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Linalool	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
beta-Myrcene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
trans-Nerolidol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
alpha-Pinene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
beta-Pinene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Pulegone	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Sabinene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Sabinene hydrate	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
gamma-Terpinene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
alpha-Terpinene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Terpinolene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Valencene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Verbenone	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
trans-beta-Farnesene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
A-Terpineol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
cis-Nerolidol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Thymol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Terpinen-4-ol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Squalene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Safranal	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Piperitone	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	



Patrick Hermonson
Chemist - 10/21/2022



Quality Control Terpene Analysis (Continued)

Batch: 2242043 - 215-Hemp (Continued)

Blank(2242043-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Phytane	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
p-Cymene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Octyl Acetate	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Nootkatone	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Menthone	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Menthol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Isobornyl Acetate	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Farnesol 1	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Carvone	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
alpha-Thujone	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Alpha-Phellandrene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
(+)-Borneol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
(-)-Borneol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Carvacrol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
trans-beta-Ocimene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Cis-beta-Ocimene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Citral	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Citronellol	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Farnesol 2	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	
Cis-beta-Farnesene	< LOQ	0.00025	%		10/14/22 11:41	10/15/22 15:38	

Reference(2242043-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
beta-Caryophyllene	83.0	0.00025	%	70-130	10/14/22 11:41	10/15/22 15:57	
alpha-Humulene	83.8	0.00025	%	70-130	10/14/22 11:41	10/15/22 15:57	
Limonene	104	0.00025	%	70-130	10/14/22 11:41	10/15/22 15:57	
beta-Myrcene	95.6	0.00025	%	70-130	10/14/22 11:41	10/15/22 15:57	



Patrick Hermonson
Chemist - 10/21/2022



Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117.
Quality Control samples were tested as received.

- ATM Non-cannabis matrix related interference or suppression of Internal standard
- BLI Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .
- BLK Analyte detected in method blank, but not associated samples.
- BSH Blank Spike High - Blank Spike recovery above method limit, no detections in samples.
- BSL Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- CBD Interference due to co-elution
- CV1 CBD matrix interference on GC Pest chromatography
- CV2 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- INF CCV was below acceptance criteria, sample still exceeds regulatory limit.
- ISH One or more QC falls outside acceptance criteria, Data entered into LIMS for informational purposes only.
- ISL Internal Standard concentration is above acceptance criteria.
- MSH Internal Standard concentration is below acceptance criteria.
- MSI Matrix Spike High - Matrix Spike recovery above method limits.
- MSL Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
- TPP Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- U Internal Standard concentration outside control limit due to matrix interference



Patrick Hermonson
Chemist - 10/21/2022

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

This is for informational testing and is not compliance testing. Lab results apply to the sample as received.