



GELATO SUNRISE GH TRIMMED FLOWER 52 DAF HILLSBOF

Sample ID: [REDACTED] Matrix: Useable Marijuana

Test ID: [REDACTED]

Source ID: [REDACTED]

Date Sampled: 11/22/22

Date Accepted: 11/22/22

Phylos Bioscience
quality@phylos.bio

Results at a Glance

Total THC : 26.74 %

Total CBD : <LOQ (0.0130% dry) %

Percent Moisture : 8.52 % PASS

Total Terpenes : 1.912 % PASS



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 12/4/2022

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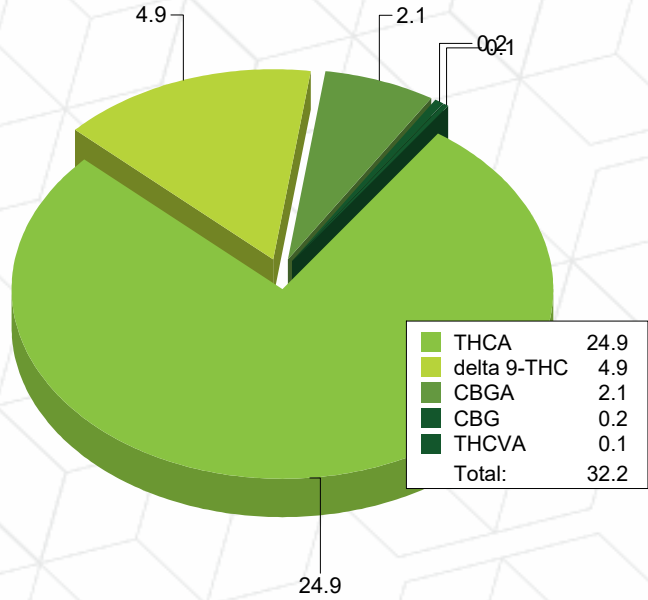
Date Sampled: 11/22/22 Date Accepted: 11/22/22

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quality@phylos.bio

Potency Analysis

Date/Time Extracted: 11/29/22 13:58 Analysis Method/SOP: 215 Batch Identification: [REDACTED]

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.0577	26.74	267.4		
Total CBD	0.0130	< LOQ	< LOQ		
THCA	0.0006	24.94	249.4		
delta 9-THC	0.0006	4.875	48.75		
delta 8-THC	0.0285	< LOQ	< LOQ		
THCV	0.0320	< LOQ	< LOQ		
THCVA	0.0120	0.0701	0.701		
CBD	0.0006	< LOQ	< LOQ		
CBDA	0.0006	< LOQ	< LOQ		
CBDV	0.0317	< LOQ	< LOQ		
CBDVA	0.0105	< LOQ	< LOQ		
CBN	0.0190	< LOQ	< LOQ		
CBG	0.0051	0.2282	2.282		
CBGA	0.0051	2.137	21.37		
CBC	0.0567	< LOQ	< LOQ		
Total Cannabinoids		32.25	322.5		



Moisture

Date/Time Extracted: 11/29/22 16:49 Analysis Method/SOP: 103

Moisture: 8.52 % 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.



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Source ID: [REDACTED]

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Terpene Analysis by GCMS

Date/Time Extracted: 11/29/22 13:58

Analysis Method/SOP: 204

Date/Time Analyzed: 12/02/22 14:59

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	0.46	0.001	0.003	mg/g
alpha-Cedrene	< LOQ	0.001	0.003	mg/g	alpha-Humulene	0.41	0.001	0.003	mg/g
Alpha-Phellandrene	< LOQ	0.001	0.003	mg/g	alpha-Pinene	0.32	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	1.51	0.001	0.003	mg/g
beta-Myrcene	10.51	0.001	0.003	mg/g	beta-Pinene	0.1	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	< LOQ	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	0.52	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	< LOQ	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	0.66	0.001	0.003	mg/g	Linalool	0.98	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	3.65	0.001	0.003	mg/g	trans-Nerolidol	< LOQ	0.001	0.003	mg/g
Valencene	< LOQ	0.001	0.003	mg/g	Verbenone	< LOQ	0.001	0.003	mg/g
Total Terpenes	19.12	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



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Chief Science Officer - 12/4/2022



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Test ID: [REDACTED]

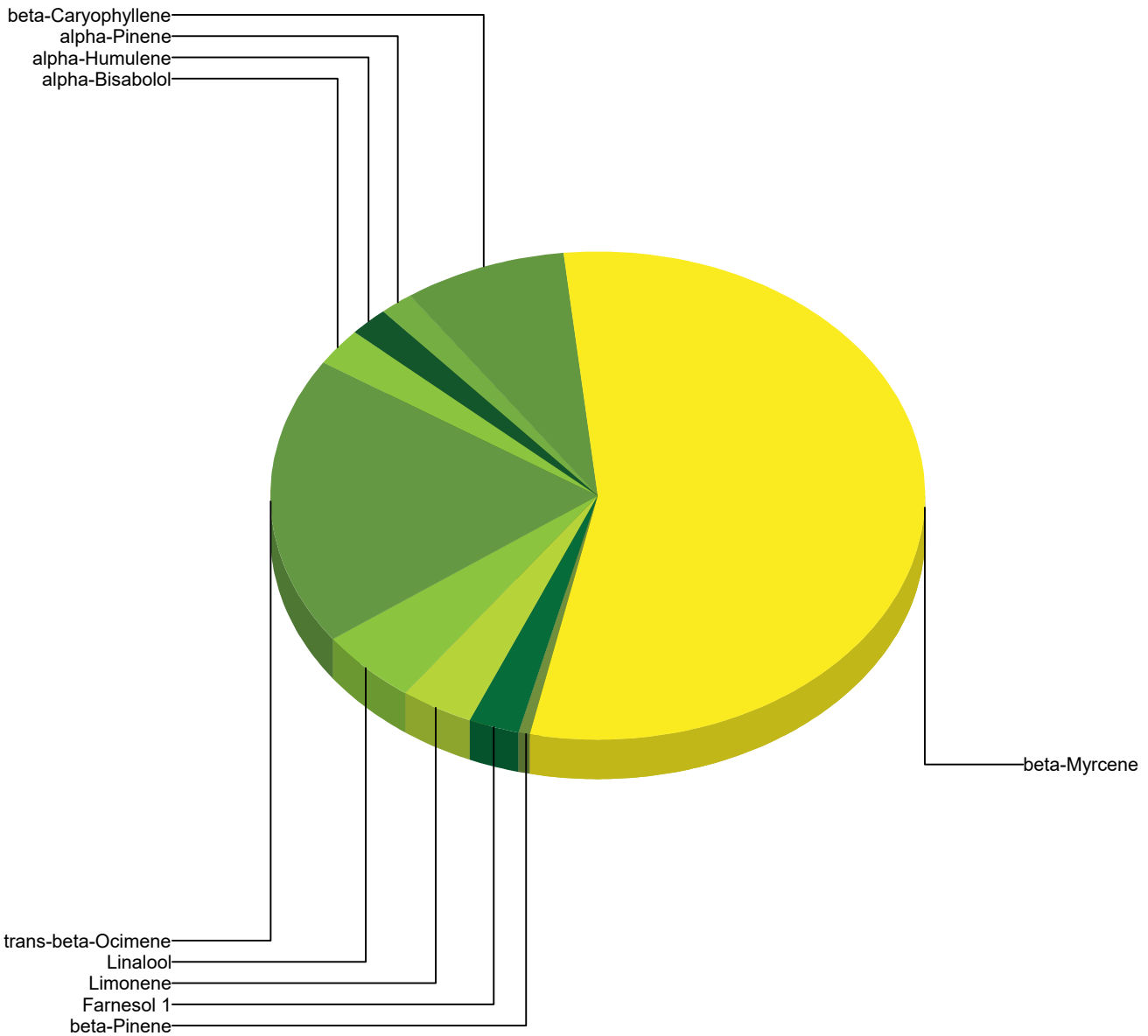
Source ID: [REDACTED]

Date Sampled: 11/22/22

Date Accepted: 11/22/22

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Terpene Profile



Percentage of Total Terpenes Identified



Eric Wendt
Chief Science Officer - 12/4/2022



Quality Control Potency

Batch: [REDACTED]

Blank [REDACTED] (BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		11/29/22 13:58	11/29/22 18:21	
delta 9-THC	< LOQ	0.0005	%		11/29/22 13:58	11/29/22 18:21	
delta 8-THC	< LOQ	0.0234	%		11/29/22 13:58	11/29/22 18:21	
THCV	< LOQ	0.0263	%		11/29/22 13:58	11/29/22 18:21	
THCVA	< LOQ	0.0099	%		11/29/22 13:58	11/29/22 18:21	
CBD	< LOQ	0.0005	%		11/29/22 13:58	11/29/22 18:21	
CBDA	< LOQ	0.0005	%		11/29/22 13:58	11/29/22 18:21	
CBDV	< LOQ	0.0260	%		11/29/22 13:58	11/29/22 18:21	
CBDVA	< LOQ	0.0086	%		11/29/22 13:58	11/29/22 18:21	
CBN	< LOQ	0.0156	%		11/29/22 13:58	11/29/22 18:21	
CBG	< LOQ	0.0042	%		11/29/22 13:58	11/29/22 18:21	
CBGA	< LOQ	0.0042	%		11/29/22 13:58	11/29/22 18:21	
CBC	< LOQ	0.0465	%		11/29/22 13:58	11/29/22 18:21	

Reference [REDACTED] (SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	94.7	0.0005	%	90-110	11/29/22 13:58	11/30/22 11:49	
delta 9-THC	93.6	0.0005	%	90-110	11/29/22 13:58	11/30/22 11:49	
delta 8-THC	108	0.0234	%	90-110	11/29/22 13:58	11/30/22 11:49	
CBD	101	0.0005	%	90-110	11/29/22 13:58	11/30/22 11:49	
CBDA	99.2	0.0005	%	90-110	11/29/22 13:58	11/30/22 11:49	

Moisture Content

Batch: [REDACTED]

Blank [REDACTED] (BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.200		%		11/29/22 16:49	11/29/22 16:49	

Blank [REDACTED] (BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.160		%		11/29/22 16:49	11/29/22 16:49	

Reference [REDACTED] (SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	91.1		%	80-120	11/29/22 16:49	11/29/22 16:49	

Reference [REDACTED] (SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	101		%	80-120	11/29/22 16:49	11/29/22 16:49	

Batch: [REDACTED]

Blank [REDACTED] (BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes



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Quality Control Terpene Analysis (Continued)

Batch: [REDACTED]

Blank [REDACTED]-BLK1							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
alpha-Bisabolol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Camphene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Camphor	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
3-Carene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
beta-Caryophyllene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Caryophyllene Oxide	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
alpha-Cedrene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Cedrol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Endo-fenchyl alcohol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Eucalyptol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Geraniol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Geranyl acetate	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Guaiol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
alpha-Humulene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Isoborneol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Isopulegol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Limonene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Linalool	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
beta-Myrcene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
trans-Nerolidol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
alpha-Pinene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
beta-Pinene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Pulegone	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Sabinene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Sabinene hydrate	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
gamma-Terpinene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
alpha-Terpinene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Terpinolene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Valencene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Verbenone	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
trans-beta-Farnesene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
A-Terpineol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
cis-Nerolidol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Thymol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Terpinen-4-ol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Squalene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Safranal	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Piperitone	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	



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Quality Control Terpene Analysis (Continued)

Batch: [REDACTED]

Blank [REDACTED]-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Phytane	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
p-Cymene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Octyl Acetate	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Nootkatone	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Menthone	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Menthol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Isobornyl Acetate	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Farnesol 1	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Carvone	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
alpha-Thujone	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Alpha-Phellandrene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
(+)-Borneol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
(-)-Borneol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Carvacrol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
trans-beta-Ocimene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Cis-beta-Ocimene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Citral	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Citronellol	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Farnesol 2	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	
Cis-beta-Farnesene	< LOQ	0.00025	%		11/29/22 13:58	12/02/22 14:03	

Reference [REDACTED]-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
beta-Caryophyllene	94.0	0.00025	%	70-130	11/29/22 13:58	12/02/22 14:22	
alpha-Humulene	84.1	0.00025	%	70-130	11/29/22 13:58	12/02/22 14:22	
Limonene	77.5	0.00025	%	70-130	11/29/22 13:58	12/02/22 14:22	
beta-Myrcene	71.5	0.00025	%	70-130	11/29/22 13:58	12/02/22 14:22	



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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. Results do not include uncertainty of measurements. Available upon request.

- 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



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