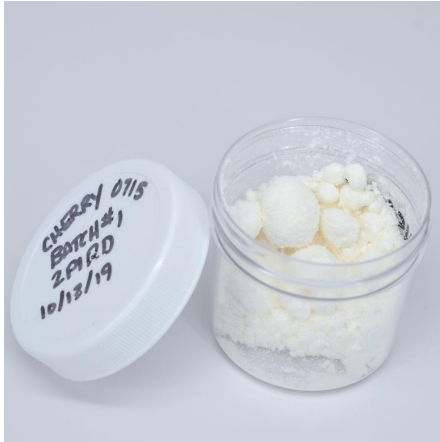


Cherry 0715 Batch #1 2PIRD ISO PASS



SAMPLE ID
145631

SAMPLE NAME
Cherry 0715 Batch #1 2PIRD ISO

MATRIX
Concentrate

BATCH ID
Batch #1 2PIRD ISO

COLLECTED
10/22/2019 11:40

RECEIVED
10/22/2019 11:40

CULTIVATOR INFO
Tyson Ranch Processing

TOTAL THC **ND**

TOTAL CBD **>99.00 %**

TOTAL CANNABINOIDS **>99.00 %**

Residual Solvent **PASS**
Pentane: 2155 ug/g

Microbial qPCR **PASS**
No Analytes Detected

Heavy Metals **PASS**
Lead: 0.1292 ug/g

Chemical Residue **NT**
Not Tested

Filth and Foreign Material **NT**
Not Tested

Mycotoxins **NT**
Not Tested

CANNABINOID ANALYSIS

Total THC,CBD value(s) have been decarboxylated.

TOTAL THC: ND (ND)
 TOTAL CBD: >999.0 mg/g (>99.00 %)
 TOTAL CANNABINOIDS: >999.0 mg/g (>99.00 %)

UNIT OF MEASUREMENT: Milligrams per Gram(mg/g)

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
D9THC	ND	0.5000	1.0000	D8THC	ND	0.5000	1.0000
CBG	ND	0.5000	1.0000	CBC	ND	0.5000	1.0000
THCv	ND	0.5000	1.0000	CBD	>999.0 mg/g (>99.00 %)	0.5000	1.0000
CBN	ND	0.5000	1.0000	CBDv	3.429 mg/g (0.3429 %)	0.5000	1.0000
THCa	ND	0.5000	1.0000	CBGa	ND	0.5000	1.0000
CBDa	ND	0.5000	1.0000				

ADDITIONAL INFORMATION

Method: SOP-TECH-001
 Instrument: UPLC-DAD

Sample Prepped 10/23/2019 15:56
 Sample Analyzed 10/23/2019 20:25

Sample Approved 10/24/2019 19:17

RESIDUAL SOLVENT ANALYSIS PASS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Acetone	ND	2.500	5.000	5000 Pass	Acetonitrile	ND	0.5000	1.000	410.0 Pass
Benzene	ND	0.5000	1.000	1.000 Pass	Butane	ND	24.00	48.00	5000 Pass
Chloroform	ND	0.5000	1.000	1.000 Pass	Ethanol	ND	1.000	2.500	5000 Pass
Ethyl Acetate	ND	2.500	5.000	5000 Pass	Ethyl Ether	ND	10.00	50.00	5000 Pass
Ethylene oxide	ND	0.5000	1.000	1.000 Pass	Heptane	ND	0.2500	0.5000	5000 Pass
Hexane	ND	0.2500	0.5000	290.0 Pass	Isopropyl Alcohol	ND	0.2500	0.5000	5000 Pass
Methanol	ND	1.000	2.500	3000 Pass	Methylene chloride	ND	0.2500	0.5000	1.000 Pass
Pentane	2155 ug/g	1.000	2.500	5000 Pass	Propane	ND	5.000	10.00	5000 Pass
Toluene	ND	0.2500	0.5000	890.0 Pass	Xylenes	ND	0.5000	1.000	2170 Pass
Trichloroethylene	ND	0.2500	0.5000	1.000 Pass	1,2-Dichloroethane	ND	0.2500	0.5000	1.000 Pass

ADDITIONAL INFORMATION

Method: SOP-TECH-021
 Instrument: HS-GC-MS/FID

Sample Prepped 10/23/2019 16:49
 Sample Analyzed 10/23/2019 16:49

Sample Approved 10/24/2019 16:50

MICROBIAL qPCR ANALYSIS PASS

UNIT OF MEASUREMENT: Cycle Threshold (Ct)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL		ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	
A.fumigatus	ND	33.00	0.0	0.0	Pass	A. flavus	ND	33.00	0.0	0.0	Pass
A. niger	ND	33.00	0.0	0.0	Pass	A. terreus	ND	33.00	0.0	0.0	Pass
STEC	ND	33.00	0.0	0.0	Pass	Salmonella spp	ND	33.00	0.0	0.0	Pass

ADDITIONAL INFORMATION

Method: SOP-TECH-016, SOP-TECH-022 Sample Prepped 10/23/2019 06:31 Sample Approved 10/23/2019 14:00
 Instrument: qPCR Sample Analyzed 10/23/2019 07:12

HEAVY METALS ANALYSIS PASS

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL		ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	
Arsenic	ND	0.0200	0.0500	0.2000	Pass	Cadmium	ND	0.0050	0.0500	0.2000	Pass
Lead	0.1292 ug/g	0.0100	0.0500	0.5000	Pass	Mercury	ND	0.0030	0.0500	0.1000	Pass

ADDITIONAL INFORMATION

Method: SOP-TECH-013 Sample Prepped 10/24/2019 05:59 Sample Approved 10/24/2019 14:55
 Instrument: ICP-MS Sample Analyzed 10/24/2019 09:19

This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. This report provides technical results for a specific sample and the report shall not be altered, modified, supplemented, or abstracted in any manner. Any violation of these conditions renders the report and its results void.

All LQC samples required by state regulations were performed and met the acceptance criteria.

DATA REVIEWED AND APPROVED BY



Swetha Kaul, PhD
 Chief Scientific Officer

10/24/2019
 Date