THINK 20 LABS

Certificate of Analysis
For R+D Use Only

Orange Fizzy 15:1

PASS
Overall Batch Results

10.491	2.629
Total THC per Package (mg)	Total THC per Serving (mg)
160.738	40.281
Total CBD per Package (mg)	Total CBD per Serving (mg)

Total THC %: **0.126%**
Total CBD %: **1.937%**
Total Cannabinoids %: **2.266%**
Total Cannabinoids % (Non-Decarboxylated): **2.266%**
THC per Serving (mg): **2.629**
THC per Package (mg): **10.491**

Account Name: **220602**
Producer Name: **N/A**
Producer Address: **N/A**
Producer Lic#: **N/A**
Distributor Name: **N/A**
Distributor Address: **N/A**
Distributor Lic#: **N/A**

Sample ID: **3007757**
Sample Type: **Edible**
Pick-Up Date: **N/A**
Received Date: **2021-06-10**
Sample Accession Date: **2021-06-11**
Analysis Completed Date: **2021-06-16**
Lot/Batch #: **030504021010**
Sample Weight/Volume: **7.41 g**
Sample Unit Count: **N/A**
Batch Weight/Volume: **N/A**
Batch Unit Count: **N/A**
Package Weight/Volume: **8.30 g**
Serving Weight/Volume: **2.08 g**
Density: **NT**
Water Activity (aw): **0.3643**
Water Activity Pass/Fail: **Pass**
Moisture Content (%): **NT**
Foreign Matter Pass/Fail: **Pass**
METRC Source UID: **N/A**

Cannabinoids	PASS
Terpenes	NOT TESTED
Heavy Metals	PASS
Residual Solvents	PASS
Microbials	PASS
Chemical Residue	PASS
Mycotoxin	PASS

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3 Mason Irvine, CA 92618
(949) 288-5337

Sample ID: **3007757**
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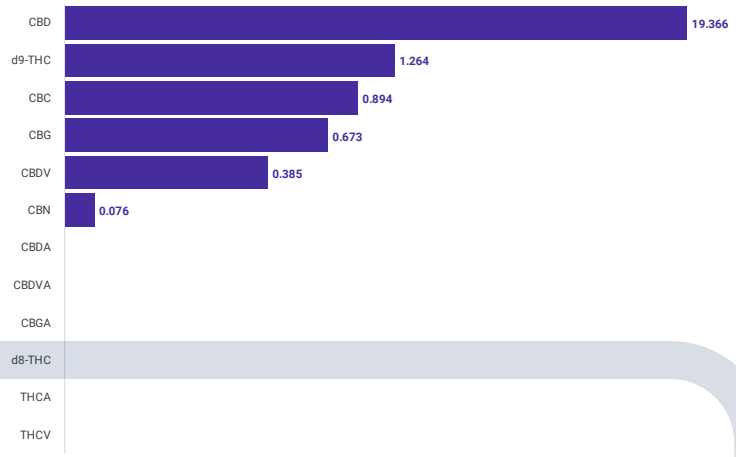
Cannabinoid Analysis

Analyte	LOD (mg/g or mg/mL)	LOQ (mg/g or mg/mL)	Results (mg/g or mg/mL)	Results (%)	Action Limits (mg/g or mg/mL)	Serving Pass/Fail	Package Pass/Fail
CBD	0.000625	0.00125	19.366	1.9366%	N/A	Pass	Pass
d9-THC	0.000625	0.005	1.264	0.1264%	N/A	Pass	Pass
CBC	0.000625	0.00125	0.894	0.0894%	N/A	Pass	Pass
CBG	0.000625	0.00125	0.673	0.0673%	N/A	Pass	Pass
CBDV	0.000313	0.000625	0.385	0.0385%	N/A	Pass	Pass
CBN	0.000625	0.00125	0.076	0.0076%	N/A	Pass	Pass
d8-THC	0.000625	0.005	ND	ND	N/A	Pass	Pass
THCA	0.000625	0.00125	ND	ND	N/A	Pass	Pass
CBDA	0.000313	0.000625	ND	ND	N/A	Pass	Pass
CBDVA	0.000313	0.000625	ND	ND	N/A	Pass	Pass
CBGA	0.000313	0.000625	ND	ND	N/A	Pass	Pass
THCV	0.000313	0.000625	ND	ND	N/A	Pass	Pass



19.366 mg/g
Total CBD

1.264 mg/g
Total THC

Instrument	Method	Accession Date	Panel Completed Date
IR-ALTUS01	SOP-001:AnalysisOfCannabinoids	2021-06-11	2021-06-16

Heavy Metals Analysis

PASS

Analyte	LOD (µg/g or µg/mL) ↓	LOQ (µg/g or µg/mL)	Action Limits (µg/g or µg/mL)	Results (µg/g or µg/mL)	Pass/Fail
Arsenic	0.0001	0.0004	1.5	ND	Pass
Cadmium	0.0001	0.0002	0.5	ND	Pass
Lead	0.0001	0.0002	0.5	0.0019	Pass
Mercury	0.000030	0.0001	3	ND	Pass

Instrument	Method	Accession Date ↓	Panel Completed Date
IR-NEXION01	SOP-005:AnalysisOfHeavyMetals	2021-06-11	2021-06-14

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Residual Solvents Analysis

PASS

Analyte	LOD (µg/g or µg/mL) ↓	LOQ (µg/g or µg/mL)	Action Limits (µg/g or µg/mL)	Results (µg/g or µg/mL)	Pass/Fail
Isopropyl Alcohol	0.448	0.896	5000	ND	Pass
Butane	0.37	0.75	5000	ND	Pass
Ethanol	0.36	0.896	5000	848.200	Pass
Ethyl Acetate	0.359	0.717	5000	ND	Pass
Propane	0.299	1.49	5000	ND	Pass
Pentane	0.27	0.672	5000	ND	Pass
Methanol	0.21	0.51	3000	ND	Pass
Ethyl Ether	0.18	0.45	5000	ND	Pass
Heptane	0.18	0.448	5000	ND	Pass
Acetone	0.135	0.27	5000	ND	Pass
Toluene	0.134	0.269	890	ND	Pass
Total Xylenes	0.134	1.34	2170	ND	Pass
Acetonitrile	0.054	0.108	410	ND	Pass
Methylene Chloride	0.025	0.045	1	ND	Pass
1,2-Dichloroethane	0.023	0.045	1	ND	Pass
Trichloroethylene	0.023	0.045	1	ND	Pass
Chloroform	0.018	0.045	1	ND	Pass
Hexane	0.018	0.045	290	ND	Pass
Benzene	0.009	0.023	1	ND	Pass
Ethylene Oxide	0.009	0.45	1	ND	Pass

Instrument	Method	Accession Date ↓	Panel Completed Date
IR-CLARIS01	SOP-004:AnalysisOfResidualSolvents	2021-06-11	2021-06-15

Microbial Analysis

PASS

Analyte	LOD (Copies of Input DNA) ↓	LOQ (Copies of Input DNA)	Action Limits (Copies of Input DNA)	Results
A. niger	20	250	0	Pass
Salmonella spp.	10	250	0	Pass
A. flavus	2	62.5	0	Pass
A. fumigatus	2	62.5	0	Pass
Aspergillus	2	62.5	0	Pass
A. terreus	2	62.5	0	Pass
E. coli	2	62.5	0	Pass

Instrument ↓	Method	Accession Date	Panel Completed Date
IR-ARIAMX01	SOP-006:AnalysisOfMicrobials	2021-06-11	2021-06-15

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Chemical Residue Analysis

PASS

Analyte	LOD (µg/g or µg/mL) ↓	LOQ (µg/g or µg/mL)	Action Limit (µg/g or µg/mL)	Results (µg/g or µg/mL)	Pass/Fail
Flonicamid	0.002773	0.009244	2	ND	Pass
Cypermethrin	0.002624	0.008746	1	ND	Pass
Abamectin	0.001925	0.006417	0.3	ND	Pass
Fludioxinil	0.001688	0.005626	30	ND	Pass
Daminozide	0.001586	0.005287	0	ND	Pass
Chlorantraniliprole	0.001565	0.005216	40	ND	Pass
Azoxystrobin	0.001545	0.005151	40	ND	Pass
Chlorfenapyr	0.001529	0.005098	0	ND	Pass
Cyfluthrin	0.001524	0.005081	1	ND	Pass
Captan	0.001356	0.004521	5	ND	Pass
Bifenazate	0.001312	0.004374	5	ND	Pass
Chlordane	0.001294	0.004314	0	ND	Pass
Dimethomorph	0.001285	0.004284	20	ND	Pass
Aldicarb	0.001222	0.004072	0	ND	Pass
Coumaphos	0.001209	0.004032	0	ND	Pass
Carbaryl	0.001164	0.00388	0.5	ND	Pass
Ethoprophos	0.001154	0.003847	0	ND	Pass
Chlorpyrifos	0.001083	0.003612	0	ND	Pass
Diazinon	0.00107	0.003566	0.2	ND	Pass
Bifenthrin	0.000887	0.002957	0.5	ND	Pass
Boscalid	0.000871	0.002902	10	ND	Pass
Clofentezine	0.000835	0.002782	0.5	ND	Pass
Fenpyroximate	0.000813	0.00271	2	ND	Pass
Fipronil	0.000752	0.002505	0	ND	Pass
Fenoxycarb	0.000738	0.00246	0	ND	Pass
Etoxazole	0.00069	0.0023	1.5	ND	Pass
Dimethoate	0.000685	0.002284	0	ND	Pass
Carbofuran	0.000666	0.00222	0	ND	Pass
Acequinocyl	0.000661	0.002204	4	ND	Pass
Etofenprox	0.000652	0.002174	0	ND	Pass
Fenhexamid	0.000651	0.002171	10	ND	Pass
Dichlorvos	0.000643	0.002142	0	ND	Pass
Acephate	0.00062	0.002066	5	ND	Pass
Acetamiprid	0.000603	0.002009	5	ND	Pass

Analyte	LOD (µg/g or µg/mL) ↓	LOQ (µg/g or µg/mL)	Action Limit (µg/g or µg/mL)	Results (µg/g or µg/mL)	Pass/Fail
Methyl Parathion	0.002894	0.009645	0	ND	Pass
Pyrethrins	0.002267	0.007557	1	ND	Pass
Pyridaben	0.001572	0.00524	3	ND	Pass
Paclobutrazol	0.001487	0.004955	0	ND	Pass
Spirotetramat	0.001254	0.004179	13	ND	Pass
Prallethrin	0.001205	0.004015	0.4	ND	Pass
Methiocarb	0.000943	0.003142	0	ND	Pass
Tebuconazole	0.000933	0.003111	2	ND	Pass
Spiromesifen	0.000933	0.003111	12	ND	Pass
Spinosad	0.00092	0.003065	3	ND	Pass
Trifloxystrobin	0.000872	0.002906	30	ND	Pass
Permethrin	0.000844	0.002814	20	ND	Pass
Malathion	0.000813	0.00271	5	ND	Pass
Metalaxyl	0.000807	0.002689	15	ND	Pass
Propiconazole	0.000805	0.002682	20	ND	Pass
Propoxur	0.000794	0.002648	0	ND	Pass
Imazalil	0.000785	0.002618	0	ND	Pass
Myclobutanil	0.000753	0.002509	9	ND	Pass
Spiroxamine	0.00072	0.002401	0	ND	Pass
Hexythiazox	0.0007	0.002333	2	ND	Pass
Piperonyl Butoxide	0.00069	0.002299	8	ND	Pass
Imidacloprid	0.000674	0.002246	3	ND	Pass
Kresoxim-Methyl	0.000668	0.002227	1	ND	Pass
Spinetoram	0.00065	0.002165	3	ND	Pass
Oxamyl	0.000641	0.002136	0.2	ND	Pass
Thiamethoxam	0.000639	0.002129	4.5	ND	Pass
Methomyl	0.000614	0.002045	0.1	ND	Pass
Mevinphos	0.0006	0.002	0	ND	Pass
PCNB	0.000588	0.001962	0.2	ND	Pass
Phosmet	0.000549	0.00183	0.2	ND	Pass
Naled	0.000372	0.00124	0.5	ND	Pass
Thiachloprid	0.000201	0.000671	0	ND	Pass

Instrument	Method	Accession Date ↓	Panel Completed Date
IR-QSIGHT01	SOP-003:AnalysisOfPesticidesAndMycotoxins	2021-06-11	2021-06-15

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Mycotoxin Analysis

PASS

Analyte	LOD (µg/g or µg/mL) ↓	LOQ (µg/g or µg/mL)	Results (µg/g or µg/mL)	Action Limits (µg/g or µg/mL)	Pass/Fail
Ochratoxin A	0.00404	0.0101	ND	0.02	Pass
Aflatoxin B1	0.00202	0.00404	ND	N/A	Pass
Aflatoxin B2	0.00202	0.00404	ND	N/A	Pass
Aflatoxin G1	0.00202	0.00404	ND	N/A	Pass
Aflatoxin G2	0.00202	0.00404	ND	N/A	Pass

Instrument	Method	Accession Date ↓	Panel Completed Date
IR-QSIGHT01	SOP-003:AnalysisOfPesticidesAndMycotoxins	2021-06-11	2021-06-15

SIGNATURE OF CONFIRMATION

Mike Tunis

MIKE TUNIS
LAB DIRECTOR

2021-06-16
Date of Confirmation

QUALITY REVIEW

Joshua Cosgrove

JOSHUA COSGROVE
LAB MANAGER

2021-06-16
Date of Quality Review

All tests were performed with relevant laboratory quality control samples (LQCs) and passed prescribed acceptance criteria according to Barclays Official California Code of Regulations (CCR) section 5730, pursuant to 16 CCR section 5726 (e)(13). Testing results are based on the sample submitted to Think20 Labs LLC in the picture and description above. Think20 Labs LLC affirms that all analytical testing was performed consistent with industry standards and in accordance with validated methods designed and verified by Think20 Labs LLC. All testing results were produced in compliance with applicable state and federal laws. This report may not be reproduced, except in full, without the written approval of Think20 Labs LLC.

Total CBD = (CBDA *0.877)+ CBD

Total THC= (THCA *0.877) + D9-THC

D9-THC % = (Component Amount in mg / 1000)

PPM to % = ((PPM/1000)/1000)*100

Moisture Content Adjustment = (Component Amount / (1000 mg - (1000 * Moisture Correction %)) * 1000

Total Cannabinoids %: Total decarboxylated cannabinoids concentration per BCC regulation 5724(A). Total cannabinoid concentration (mg/g) = (Cannabinoid acid form concentration (mg/g) x 0.877) + Cannabinoid concentration (mg/g)

Total Cannabinoids % (Non-Decarboxylated): Total Cannabinoids including the acidic forms. Total cannabinoid concentration (mg/g) = Cannabinoid acid form concentration (mg/g) + Cannabinoid concentration (mg/g)

LOQ = Limit of Quantitation

LOD = Limit of Detection

ND = Not Detected

NT = Not Tested

PPB - Parts per Billion

PPM - Parts per Million

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