

CERTIFICATE OF ANALYSIS

PRODUCED: DEC 19, 2023

SAMPLE: HIGHATUS - SOUR GUMMIES 10PK - BLUEBERRY - 5541 (EDIBLE SOLID) // CLIENT: CANNABIOTIX // BATCH: PASS



BATCH NO.: 121823SG10BB
 METRC UID: 1A4060300000C1F000005541
 MATRIX: EDIBLE SOLID
 CATEGORY: EDIBLE
 SAMPLE ID: BCL-231218-001
 COLLECTED ON: DEC 18, 2023
 RECEIVED ON: DEC 18, 2023
 BATCH/SAMPLE SIZE: 3677 UNITS / 20 UNITS
 SERVING/PACKAGE SIZE: 3.1 G / 31 G

CANNABINOID OVERVIEW

Δ ⁹ -THC PER SERVING:	10.04 mg
CBD PER SERVING:	10.49 mg
TOTAL CANNABINOIDS ^{††} :	31.04 mg
SUM OF CANNABINOIDS [†] :	31.04 mg

MANUFACTURER INFO

MANUFACTURER
 FOUR STAR MANUFACTURING LLC
 8360 WILCOX AVE
 BELL GARDENS, CA 90201

LICENSE
 CDPH-10001966
 MEDICINAL - MANUFACTURING
 LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
 FOUR STAR DISTRIBUTION AND
 DELIVERY LLC
 8360 WILCOX AVE
 BELL GARDENS, CA 90201

LICENSE
 C11-0000040-LIC
 ADULT-USE - DISTRIBUTOR LICENSE



BCL-03: CANNABINOID POTENCY BY HPLC-UV // DEC 19, 2023

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	ND	ND	0.00106/0.02408	N/A
CBCA	ND	ND	0.00303/0.02408	N/A
CBD	0.33839 %	3.3839 mg/g	0.00149/0.02408	N/A
CBDA	ND	ND	0.00077/0.02408	N/A
CBDV	ND	ND	0.00116/0.02408	N/A
CBDVA	ND	ND	0.00077/0.02408	N/A
CBG	0.00249 %	0.0249 mg/g	0.0014/0.02408	N/A
CBGA	ND	ND	0.00096/0.02408	N/A
CBN	0.33663 %	3.3663 mg/g	0.00077/0.02408	N/A
Δ ⁸ -THC	ND	ND	0.00279/0.02408	N/A
Δ ⁹ -THC	0.32371 %	3.2371 mg/g	0.00202/0.02408	N/A
THCA	ND	ND	0.00144/0.02408	N/A
THCV	ND	ND	0.00159/0.02408	N/A
THCVA	ND	ND	0.00111/0.02408	N/A
TOT THC**	0.32371 %	3.2371 mg/g	N/A	N/A
TOT CBD**	0.33839 %	3.3839 mg/g	N/A	N/A
CBD/SRV	10.49 mg		N/A	N/A
Δ ⁹ -THC/SRV	10.04 mg		PASS	N/A
TOT THC/SRV**	10.04 mg		N/A	N/A
TOT CBD/SRV**	10.49 mg		N/A	N/A
CBD/PKG	104.90 mg		N/A	N/A
Δ ⁹ -THC/PKG	100.35 mg		PASS	N/A
TOT THC/PKG**	100.35 mg		N/A	N/A
TOT CBD/PKG**	104.90 mg		N/A	N/A

TERPENOID TESTING BY HS-GC/FID

ANALYTE	AMT	AMT	LOD/LOQ ()	PASS/FAIL
TOTAL TERPENES	ND	ND		N/A
α-PINENE	NT	NT		N/A
CAMPHERE	NT	NT		N/A
β-PINENE	NT	NT		N/A
β-MYRCENE	NT	NT		N/A
Δ ³ -CARENE	NT	NT		N/A
α-TERPINENE	NT	NT		N/A
D-LIMONENE	NT	NT		N/A
P-CYMENE	NT	NT		N/A
α-OCIMENE*	NT	NT		N/A
β-OCIMENE*	NT	NT		N/A
γ-TERPINENE	NT	NT		N/A
TERPINOLENE	NT	NT		N/A
LINALOOL	NT	NT		N/A
ISOPULEGOL	NT	NT		N/A
GERANIOL	NT	NT		N/A
β-CARYOPHYLLENE	NT	NT		N/A
α-HUMULENE	NT	NT		N/A
CIS-NEROLIDOL	NT	NT		N/A
TRANS-NEROLIDOL	NT	NT		N/A
GUAJOL	NT	NT		N/A
α-BISABOLOL	NT	NT		N/A
1,8-CINEOLE*	NT	NT		N/A

* BEYOND SCOPE OF ACCREDITATION

** TOTAL THC = DELTA-8-THC + (DELTA-8-THCA X 0.877) + DELTA-9-THC + (THCA X 0.877)

** TOTAL CBD = CBD + (CBDA X 0.877)

† SUM OF CANNABINOIDS = CBC + CBCA + CBD + CBDA + CBDV + CBDVA + CBG + CBGA + CBN + DELTA-8-THC + DELTA-9-THC + THCA + THCV + THCVA

†† TOTAL CANNABINOIDS = (CBC + CBD + CBDV + CBG + CBN + DELTA-8-THC + DELTA-9-THC + THCV) + (0.877 * (CBCA + CBDA + CBDVA + CBGA +

THCA + THCVA))



LABORATORY PERFORMED SAMPLING AS PER BCL-01 AT 8360 WILCOX AVE, BELL GARDENS, CA 90201. THE RESULTS RELATE ONLY TO THE ITEMS TESTED. ALL LQC SAMPLES REQUIRED BY SECTION 15730 OF CALIFORNIA CODE OF REGULATIONS TITLE 4 DIVISION 19 DEPARTMENT OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA. ALL DECISION RULES ARE ESTABLISHED BY THE DCC.

RESULTS CERTIFIED BY: DZOANA KLISARA, B.SC.
LABORATORY DIRECTOR, BELCOSTA LABS
DEC 19, 2023

Dzoana Klisara



BCL-13: PESTICIDE TESTING BY GC/MS // DEC 19, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	5 µg/g	ND	0.03098/0.09383	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01096/0.03322	N/A
CHLORDANE TRANS		ND	0.01048/0.03169	N/A
CHLORFENAPYR	Any amt	ND	0.02362/0.07151	PASS

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // DEC 19, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.3 µg/g	ND	0.0244/0.07393	PASS
ACEPHATE	5 µg/g	ND	0.01224/0.0371	PASS
ACEQUINOCYL	4 µg/g	ND	0.01993/0.06038	PASS
ACETAMIPRID	5 µg/g	ND	0.0043/0.01302	PASS
ALDICARB	Any amt	ND	0.01219/0.03693	PASS
AZOXYSTROBIN	40 µg/g	ND	0.00771/0.02337	PASS
BIFENAZATE	5 µg/g	ND	0.00373/0.01131	PASS
BIFENTHRIN	0.5 µg/g	ND	0.01267/0.03839	PASS
BOSCALID	10 µg/g	ND	0.01406/0.04261	PASS
CARBARYL	0.5 µg/g	ND	0.00615/0.01865	PASS
CARBOFURAN	Any amt	ND	0.00411/0.01246	PASS
CHLORANTRANIL-IPROLE	40 µg/g	ND	0.01069/0.0324	PASS
CLOFENTEZINE	0.5 µg/g	ND	0.01404/0.04256	PASS
COUMAPHOS	Any amt	ND	0.01952/0.05914	PASS
CYFLUTHRIN	1 µg/g	ND	0.1511/0.45788	PASS
CYPERMETHRIN	1 µg/g	ND	0.02284/0.06921	PASS
DAMINOZIDE	Any amt	ND	0.0237/0.07182	PASS
DIAZINON	0.2 µg/g	ND	0.0027/0.00818	PASS
DIMETHOATE	Any amt	ND	0.00353/0.01069	PASS
DIMETHOMORPH	20 µg/g	ND		PASS
DIMETHOMORPH I		ND	0.00554/0.01679	N/A
DIMETHOMORPH II		ND	0.00327/0.00992	N/A
ETHOPROPHOS	Any amt	ND	0.00632/0.01914	PASS
ETOFENPROX	Any amt	ND	0.00604/0.01831	PASS
ETOXAZOLE	1.5 µg/g	ND	0.00363/0.01099	PASS
FENHEXAMID	10 µg/g	ND	0.01344/0.04073	PASS
FENOXYCARB	Any amt	ND	0.0047/0.01423	PASS
FENPYROXIMATE	2 µg/g	ND	0.00277/0.0084	PASS
FIPRONIL	Any amt	ND	0.00678/0.02054	PASS
FLONICAMID	2 µg/g	ND	0.0046/0.01393	PASS
FLUDIOXONIL	30 µg/g	ND	0.03245/0.09834	PASS
HEXYTHIAZOX	2 µg/g	ND	0.00409/0.01238	PASS
IMAZALIL	Any amt	ND	0.012/0.03637	PASS
IMIDACLOPRID	3 µg/g	ND	0.00796/0.02411	PASS
KRESOXIM-METHYL	1 µg/g	ND	0.00989/0.02997	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.01102/0.03346	PASS
DICHLORVOS	Any amt	ND	0.0116/0.03517	PASS
METHYL PARATHION	Any amt	ND	0.01331/0.04035	PASS
PENTACHLORONI-TROBENZENE	0.2 µg/g	ND	0.01384/0.042	PASS
METALAXYL	15 µg/g	ND	0.0058/0.01757	PASS
METHIOCARB	Any amt	ND	0.00885/0.02681	PASS
METHOMYL	0.1 µg/g	ND	0.00837/0.02537	PASS
MEVINPHOS	Any amt	ND		PASS
MEVINPHOS I		ND	0.001/0.00303	N/A
MEVINPHOS II		ND	0.00529/0.01603	N/A
MYCLOBUTANIL	9 µg/g	ND	0.01719/0.0521	PASS
NALED	0.5 µg/g	ND	0.01059/0.0321	PASS
OXAMYL	0.2 µg/g	ND	0.00617/0.01869	PASS
PACLOBUTRAZOL	Any amt	ND	0.01076/0.03262	PASS
PERMETHRIN	20 µg/g	ND		PASS
PERMETHRIN CIS		ND	0.00993/0.03008	N/A
PERMETHRIN TRANS		ND	0.01265/0.03833	N/A
PHOSMET	0.2 µg/g	ND	0.00601/0.01822	PASS
PIPERONYLBUTO-XIDE	8 µg/g	ND	0.00261/0.00791	PASS
PRALLETHRIN	0.4 µg/g	ND	0.00989/0.02996	PASS
PROPICONAZOLE	20 µg/g	ND	0.00577/0.01747	PASS
PROPOXUR	Any amt	ND	0.00593/0.01798	PASS
PYRETHRINS	1 µg/g	ND		PASS
PYRETHRINS PYRETHRIN I		ND	0.00435/0.01318	N/A
PYRETHRINS PYRETHRIN II		ND	0.00386/0.01169	N/A
PYRIDABEN	3 µg/g	ND	0.00388/0.01176	PASS
SPINETORAM	3 µg/g	ND		PASS
SPINETORAM J		ND	0.00694/0.02103	N/A
SPINETORAM L		ND	0.00902/0.02734	N/A
SPINOSAD	3 µg/g	ND		PASS
SPINOSAD A		ND	0.00799/0.02422	N/A
SPINOSAD D		ND	0.00275/0.00834	N/A
SPIROMESIFEN	12 µg/g	ND	0.00693/0.021	PASS
SPIROTETRAMAT	13 µg/g	ND	0.00537/0.01627	PASS
SPIROXAMINE	Any amt	ND	0.00549/0.01663	PASS
TEBUCONAZOLE	2 µg/g	ND	0.00874/0.02647	PASS
THIACLOPRID	Any amt	ND	0.00458/0.01389	PASS
THIAMETHOXAM	4.5 µg/g	ND	0.00395/0.01196	PASS
TRIFLOXYSTROB-IN	30 µg/g	ND	0.00354/0.01072	PASS



MALATHION	5 µg/g	ND	0.00701/0.02124	PASS
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BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // DEC 19, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.17138/0.59785	PASS
ACETONE	5000 µg/g	ND	19.29055/59.78477	PASS
ACETONITRILE	410 µg/g	ND	17.11837/59.78477	PASS
BENZENE	1 µg/g	ND	0.07573/0.59785	PASS
BUTANE	5000 µg/g	ND	18.05102/59.78477	PASS
CHLOROFORM	1 µg/g	ND	0.17537/0.59785	PASS
ETHANOL	5000 µg/g	1222.988	14.79872/59.78477	PASS
ETHYL ACETATE	5000 µg/g	ND	18.27421/59.78477	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.19131/0.59785	PASS
ETHYL ETHER	5000 µg/g	ND	16.09805/59.78477	PASS
HEPTANE	5000 µg/g	ND	14.08529/59.78477	PASS
HEXANE	290 µg/g	ND	21.68593/99.64129	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.94619/59.78477	PASS
METHANOL	3000 µg/g	ND	13.40375/59.78477	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.15145/0.59785	PASS
PENTANE	5000 µg/g	ND	32.96134/99.64129	PASS
PROPANE	5000 µg/g	ND	17.03069/59.78477	PASS
TOLUENE	890 µg/g	ND	9.41012/59.78477	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07971/0.59785	PASS
O-XYLENE		ND	4.45596/29.89239	N/A
P- AND M-XYLENE		ND	4.12914/29.89239	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // DEC 19, 2023

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS
SHIGA TOXIN-PRODUCING E. COLI	Any amt in 1 gram	ND	PASS

BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // DEC 19, 2023

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.85 Aw	0.62	PASS

ACCREDITATIONS**A2LA ACCREDITED**

BCL-020: HEAVY METAL TESTING BY ICP-MS
 BCL-03: CANNABINOID POTENCY BY HPLC-UV
 BCL-05: MYCOTOXIN TESTING BY LC-MS/MS
 BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI
 BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // DEC 18, 2023

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
IMBEDDED FOREIGN MATERIAL	25 %	ND	PASS
INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT	1 Unit	ND	PASS
MOLD	25 %	ND	PASS
SAND, SOIL, CINDERS, DIRT	25 %	ND	PASS

BCL-05: MYCOTOXIN TESTING BY LC-MS/MS // DEC 19, 2023

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	1.97/5.96	N/A
AFLATOXIN B2		ND	1.32/3.99	N/A
AFLATOXIN G1		ND	1.6/4.86	N/A
AFLATOXIN G2		ND	1.46/4.44	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	1.35/4.08	PASS

BCL-020: HEAVY METAL TESTING BY ICP-MS // DEC 19, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	1.5 µg/g	ND	0.001/0.05	PASS
CADMIUM	0.5 µg/g	< LOQ	0.0002/0.05	PASS
LEAD	0.5 µg/g	< LOQ	0.0003/0.05	PASS
MERCURY	3 µg/g	< LOQ	0.0001/0.01	PASS

