



Testing Facility License #: TF-A25-000096-01

SAMPLE DETAILS

PRODUCT TYPE	Hemp	MANIFEST NUMBER	NA	REQUEST NUMBER:	MCBR-2510-012
SAMPLE NAME:	Grape Galaxy Space Gummies	DATE COLLECTED:	13-Oct-25	SAMPLES ACCEPTED INTO TEST ON:	14-Oct-25
MATRIX TYPE:	Edible - Gummy	DATE RECEIVED IN METRC	NA	DATE ASSIGNED TO LAB:	14-Oct-25

SAMPLE DETAILS

FULL TAG NUMBER:	NA
LAST 4 DIGITS TAG NUMBER:	NA
LOT/BATCH NUMBER:	MNGG24071602
AMOUNT RECEIVED:	50.4g
LAB SAMPLE ID:	2510012-003

TESTED FOR:

BUSINESS NAME	Branding House LLC
ADDRESS	2625 S Hickory St, Santa Ana, CA 92707
LICENSE NUMBER	NA

ANALYSIS TYPE: (Check all that applies)

R&D	NO	(YES/NO)
COMPLIANCE	YES	(YES/NO)
REANALYSIS	NO	(YES/NO)
REMIADIATION	NO	(YES/NO)

CANNABINOID ANALYSIS - Summary

TOTAL THC CONTENT (mg/piece)	4.637
TOTAL CBD CONTENT (mg/piece)	4.727
TOTAL OTHER KNOWN CANNABINOIDS: (mg/piece)	0.411
TOTAL UNKNOWN/UNIDENTIFIED SUBSTANCES: (mg/piece)	0.340

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

Total THC (Δ9-THC + (0.877*THC_a))

Total CBD (CBD + (0.877* CBD_a))

Total Other Known Cannabinoids = [Total CBG (CBG + 0.877*CBG_a)] - [Total THCV (THCV + 0.877*THCV_a)] - [Total CBC (CBC + 0.877*CBC_a)] - [Total CBDV (CBDV + 0.877* CBDV_a)] ... for the remaining 12 targeted cannabinoids, not including THC, THCA, CBD, CBDA.

Means unidentified, tentatively identified, or unknown cannabinoids or related substances that not among the 14 targeted cannabinoids. Total Unknown Compounds have estimated concentration determined based on peak area comparison to the CBD calibration curve.

SAFETY ANALYSIS - Summary

Potency	PASSED
Heavy Metals	PASSED
Microbiology	PASSED
Water Activity	PASSED
Foreign Particulate Matter	NT
Residual Solvents	PASSED
Mycotoxins	PASSED
Pesticides	PASSED
Terpenes	NT
Homogeneity Testing	NT
Stability Testing	NT

For quality assurance purposes. These results relate only to the samples included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.
Sample Certification: XXX

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications. FAIL - Results exceed limits/specifications.

All specifications/Limits for Pass/Fail are referenced from Minnesota OCM, Technical Authority: Standards and Sampling, current version.

References: limits of detection (LOD), limits of qualifications (LOQ), not detected (ND), not tested (NT)

µg/g = ppm, µg/kg = ppb, too numerous to count > 250cfu/plate (TNTC), colony forming unit (cfu)

Disclaimer: Not all potential hazards were evaluated.

APPROVAL BY: Henry Larmie, PHD

JOB TITLE: CEO

DATE: 07 Nov 2025

SIGNATURE:

RELEASED BY: Zarrar Khan

JOB TITLE: Quality Assurance Coordinator II

DATE: 07 Nov 2025

SIGNATURE:



CERTIFICATE OF ANALYSIS

DATE ISSUED 11/6/2025

Testing Facility License #: TF-A25-000006-01

REQUEST NO.:	MCBR-2510-012	SAMPLE NAME	Grape Galaxy Space Gummies	LAST 4 DIGITS TAG NO.:	NA
MANIFEST NO.:	NA	LAB SAMPLE ID:	2510012-003	LOT/BATCH NO.	MNGG24071602



Cannabinoid Analysis

TEST INITIATED ON 26-Oct-25

TEST COMPLETED ON 29-Oct-25

Tested by high-performance liquid chromatography with uv detection (HPLC-UV).

TEST METHOD: CLTM-MCB13

REVISION NO. 1.0

TEST SAMPLE AMOUNT 2.57062 g

ORIGINAL TEST ☒

RE-ANALYSIS ☐

REMIATION TEST ☐

NOTEBOOK REF. NO. 20175 pp 41-42

KNOWN CANNABINOIDS:

Name	CANNABINOID Abbreviation	RRT (wrt THC)	MEASUREMENT UNCERTAINTY (%)	LOD/LOQ (mg/g)	RESULT (mg/piece)
Δ9Tetrahydrocannabinol	Δ9THC	1.000	NA	NA	4.556
Tetrahydrocannabinolic acid	THCa	1.161	NA	NA	0.080
Cannabidiol	CBD	0.759	NA	0.008/0.0236	4.652
Cannabidiolic acid	CBDa	0.706	NA	0.008/0.0234	0.075
Cannabidivarinic acid	CBDVA	0.458	NA	0.008/0.0235	<DL
Cannabidivarin	CBDV	0.499	NA	0.008/0.0238	ND
Tetrahydro-cannabivarin	THCV	0.737	NA	0.008/0.0233	ND
Cannabigerol	CBG	0.776	NA	0.008/0.0233	ND
Cannabigerolic Acid	CBGA	0.813	NA	0.008/0.0235	ND
Tetrahydrocannabivarin acid	THCVa	0.902	NA	0.008/0.0237	ND
Cannabinol	CBN	0.930	NA	0.008/0.0233	ND
Δ8Tetrahydrocannabinol	Δ8THC	1.020	NA	0.008/0.0231	0.210
Cannabichromene	CBC	1.104	NA	0.008/0.0233	0.044
Cannabichromenic acid	CBCa	1.211	NA	0.008/0.0240	0.157

TOTAL THC/THCA 4.637 mg/piece
Total THC = (Δ9 - THC + (0.877*THCa))

TOTAL OTHER KNOWN CANNABINOIDS : 0.411 mg/piece
Sum of all known (identified) cannabinoids not including THC/THCA, CBD/CBDA

TOTAL CBD/CBDA 4.727 mg/piece
Total CBD =(CBD+(0.877*CBDA))

TOTAL UNKNOWN SUBSTANCES: 0.340 mg/piece
Sum of unidentified, tentatively Identified, unknown cannabinoids or related substances

LABEL CLAIM / SPECIFICATION: 5 mg/piece (CBD)
5 mg/piece (THC)

CANNABINOID PURITY NT
The ratio by weight of delta-9-THC to all other artificially derived cannabinoids must be no less than 20 to 1 (at least 95% delta-9-THC)



Water Activity Analysis

TEST INITIATED ON: 21-Oct-25

TEST COMPLETED ON: 21-Oct-25

Water activity analysis conducted via water activity meter

TEST METHOD NO.: CLTM-MCB10

REVISION NO. 3.0

NOTEBOOK REF. NO. 20174, pg. 60

TEST	LOD/LOQ (aw)	ACTION LIMIT (aw)	MEASUREMENT UNCERTAINTY (aw)	RESULT (aw)	PASS/FAIL
Water Activity	0.25/0.50	0.85	±0.004	0.669	PASS

TEST SAMPLE AMOUNT 5.7408 g

☒ ORIGINAL TEST ☐ RE-ANALYSIS ☐ REMEDIATION-TEST



Foreign Particulate Matter Analysis

TEST INITIATED ON: NT

TEST COMPLETED ON: NT

Foreign particulate matter analysis conducted via visual inspection.

TEST METHOD NO.: NT

REVISION NO. NT

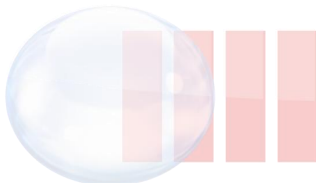
NOTEBOOK REF. NO. NT

TEST	LOD/LOQ (g)	ACTION LIMITS (% w/w)	MEASUREMENT (% w/w)	RESULT (% w/w)	PASS/FAIL
Foreign Matter (Organic)	NT	NT	NT	NT	NT
Foreign Matter (Inorganic)	NT	NT	NT	NT	NT

TEST SAMPLE AMOUNT NT g

☐ ORIGINAL TEST ☐ RE-ANALYSIS ☐ REMEDIATION-TEST

Additional Notes:





CERTIFICATE OF ANALYSIS

DATE ISSUED 11/6/2025

Testing Facility License #: TF-A25-000006-01

REQUEST NO.:	MCBR-2510-012	SAMPLE NAME	Grape Galaxy Space Gummies	LAST 4 DIGITS TAG NO.:	NA
MANIFEST NO.:	NA	LAB SAMPLE ID:	2510012-003	LOT/BATCH NO.	MNGG24071602



Pesticide Analysis

Pesticide and plant growth regulator analysis
utilizing high-performance liquid
chromatography-mass spectrometry (LC-MS/MS)

TEST METHOD: CLTM-MCB23

REVISION NO. 2.0

TEST SAMPLE AMOUNT: 0.5163 g

NOTEBOOK REF. NO. NB20182p.42

ORIGINAL TEST ☐RE-ANALYSIS ☐REMEDIATION TEST ☐

Additional Notes:

All analytes tested per variance

a,b includes isomers

* Tested per variance, estimated concentrations

ND - Not detected

RESULTS:

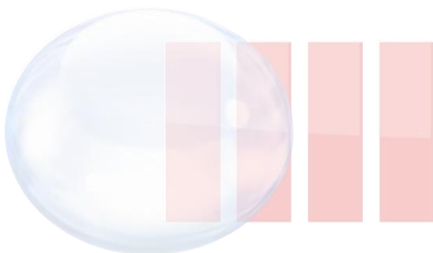
TEST INITIATED ON

21-Oct-25

COMPLETED ON

23-Oct-25

COMPOUND	LOD/LOQ (ppm)	ACTION LIMIT (ppm)	MEASUREMENT UNCERTAINTY (ppm)	RESULT (ppm)	PASS/FAIL
Abamectin	0.05/0.1	0.5	0.005	ND	PASS
Acephate	0.02/0.05	0.4	0.0025	ND	PASS
Acequinocyl	0.02/0.01	2	0.0005	ND	PASS
Acetamiprid	0.01/0.01	0.2	0.0005	ND	PASS
Azadirachtin*	0.1/0.25	1	0.0125	ND	PASS
Azoxystrobin	0.01/0.02	0.2	0.001	ND	PASS
Bifenazate	0.02/0.05	0.2	0.0025	ND	PASS
Bifenthrin	0.01/0.05	0.2	0.0025	ND	PASS
Boscalid	0.02/0.05	0.4	0.0025	ND	PASS
Carbaryl	0.01/0.02	0.2	0.001	<LOD	PASS
Chlorantraniliprole	0.01/0.02	0.2	0.001	ND	PASS
Chlorfenapyr	0.1/0.25	1	0.0125	<LOD	PASS
Chlormequat Chloride	0.1/0.1	0.2	0.005	ND	PASS
Clorpyrifos (Dursban)	0.02/0.05	0.2	0.0025	ND	PASS
Clofentezine	0.02/0.05	0.2	0.0025	<LOD	PASS
Cyfluthrin	0.1/0.25	1	0.0125	ND	PASS
Cypermethrin	0.05/0.1	1	0.005	ND	PASS
Daminozide*	0.05/0.1	1	0.005	ND	PASS
Diazinon	0.01/0.02	0.1	0.001	ND	PASS
Dichlorvos (DDVP)	0.02/0.05	0.2	0.0025	ND	PASS
Dimethoate	0.05/0.1	0.2	0.005	ND	PASS
Etofenprox	0.02/0.05	0.4	0.0025	ND	PASS
Etoxazole	0.02/0.05	0.2	0.0025	ND	PASS
Fenoxycarb	0.01/0.02	0.2	0.001	ND	PASS
Fenproximate	0.02/0.05	0.4	0.0025	ND	PASS
Fipronil	0.05/0.1	0.4	0.005	ND	PASS
Flonicamid	0.05/0.1	1	0.005	ND	PASS
Fludioxonil	0.1/0.1	0.4	0.005	ND	PASS
Hexythiazox	0.02/0.05	1	0.0025	ND	PASS
Imazalil	0.05/0.1	0.2	0.005	<LOD	PASS
Imidacloprid	0.05/0.1	0.4	0.005	ND	PASS
Kresoxim-methyl	0.01/0.02	0.4	0.001	ND	PASS
Malathion	0.01/0.02	0.2	0.001	ND	PASS
Metalaxyl	0.02/0.05	0.2	0.0025	ND	PASS
Methiocarb	0.01/0.02	0.2	0.001	ND	PASS
Methomyl	0.01/0.02	0.4	0.001	ND	PASS
Myclobutanil	0.02/0.1	0.2	0.005	ND	PASS
Naled	0.05/0.1	0.5	0.005	ND	PASS
Oxamyl	0.01/0.02	1	0.001	ND	PASS
Paclobutrazol	0.01/0.02	0.4	0.001	ND	PASS
Permethrins ^a	0.05/0.1	0.3	0.005	ND	PASS
Phosmet	0.01/0.02	0.2	0.001	ND	PASS
Piperonyl Butoxide	0.02/0.05	2	0.0025	ND	PASS
Prallethrin	0.02/0.05	0.2	0.0025	ND	PASS
Propiconazole	0.05/0.1	0.4	0.005	ND	PASS
Propoxur	0.02/0.05	0.2	0.0025	<LOD	PASS
Pyrethrins ^b	0.02/0.05	1	0.0025	ND	PASS
Pyridaben	0.02/0.05	0.2	0.0025	ND	PASS
Spinosad*	0.05/0.1	0.2	0.005	ND	PASS
Spiromesifen	0.02/0.05	0.2	0.0025	ND	PASS
Spirotetramat	0.02/0.05	0.2	0.0025	ND	PASS
Tebuconazole	0.02/0.05	0.4	0.0025	ND	PASS
Thiamethoxam	0.02/0.05	0.2	0.0025	ND	PASS
Trifloxystrobin	0.02/0.05	0.2	0.0025	ND	PASS





CERTIFICATE OF ANALYSIS

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MANIFEST NO.:	NA	LAB SAMPLE ID:	2510012-003	LOT/BATCH NO.	MNGG24071602



MICROBIOLOGY ANALYSIS

RESULTS:

TEST INITIATED ON

20-Oct-25

COMPLETED ON

23-Oct-25

Plate count analysis conducted by dilution and colony forming unit (CFU) enumeration for microbial contaminant isolation.

TEST METHOD CLTM-MCB20
Revision No. 2.0

MICROBIAL TARGET	SAMPLE AMOUNT (g)	ACTION LIMIT	RESULT	PASS/FAIL
Salmonella	25	Not detected in 25g	Not Detected	PASS
Shiga toxin-producing Escherichia coli (O157:H7)	25	Not detected in 25g	Not Detected	PASS
Enterobacteriaceae	1	150 CFU/g	Not Detected	PASS
		☒ ORIGINAL TEST	☐ RE-ANALYSIS	☐ RE-TEST

TEST METHOD CLTM-MCB39
Revision No. 2.0

MICROBIAL TARGET	SAMPLE AMOUNT (g)	ACTION LIMIT	RESULT	PASS/FAIL
Aspergillus spp.	25	Not detected in 25g	Not Detected	PASS
Listeria monocytogenes	25	Not detected in 25g	Not Detected	PASS
		☒ ORIGINAL TEST	☐ RE-ANALYSIS	☐ RE-TEST

TEST METHOD CLTM-MCB38
Revision No. 2.0

TEST METHOD NT
Revision No. NT

MICROBIAL TARGET	SAMPLE AMOUNT (g)	ACTION LIMIT	RESULT	PASS/FAIL
Total Aerobic Microbial Count (TAMC)	NA	NA	NA	
Total Yeast & Mold Count (TYMC)	NA	NA	NA	
		☒ ORIGINAL TEST	☐ RE-ANALYSIS	☐ RE-TEST

TEST METHOD CLTM-MCB37
Revision No. 2.0

NOTEBOOK REF. NO. NB 20170 p. 73

NOTEBOOK REF. NO. NA

Comments:



HEAVY METALS ANALYSIS

RESULTS:

TEST INITIATED ON

22-Oct-25

TEST COMPLETED ON

23-Oct-25

Heavy metals analysis by inductively coupled plasma-mass spectrometry (ICP-MS)

TEST METHOD: CLTM-MCB19
REVISION NO. 3.0

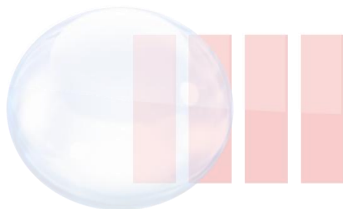
COMPOUND	LOD/LOQ (ppm)	ACTION LIMIT (ppm)	MEASUREMENT UNCERTAINTY (ppm)	RESULT (ppm)	PASS/FAIL
Arsenic	0.075/0.12	1.5	0.105	ND	PASS
Cadmium	0.075/0.12	0.5	0.02	ND	PASS
Lead	0.075/0.12	0.5	0.025	ND	PASS
Mercury	0.05/0.08	3	0.15	ND	PASS

NOTEBOOK REF. NO. NB 20185 pg. 7

TEST SAMPLE AMOUNT : 0.5192 g

ORIGINAL TEST ☒
RE-ANALYSIS ☐
REMEDIATION TEST ☐

Comments:





CERTIFICATE OF ANALYSIS

DATE ISSUED 11/6/2025

Testing Facility License #: TF-A25-000006-01

REQUEST NO.:	MCBR-2510-012	SAMPLE NAME	Grape Galaxy Space Gummies	LAST 4 DIGITS TAG NO.:	NA
MANIFEST NO.:	NA	LAB SAMPLE ID:	2510012-003	LOT/BATCH NO.	MNGG24071602



MYCOTOXIN ANALYSIS

RESULTS:

TEST INITIATED ON

21-Oct-25

COMPLETED ON

23-Oct-25

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS)

TEST METHOD: CLTM-MCB23
REVISION NO. 2.0

TEST SAMPLE AMOUNT: 0.5163 g

NOTEBOOK REF. NO. NB20182 p.42

ORIGINAL TEST ☒
RE-ANALYSIS ☐
REMEDATION ☐

COMPOUND	LOD/LOQ (ppb)	ACTION LIMIT (ppb)	MEASUREMENT UNCERTAINTY (ppb)	RESULT (ppb)	PASS/FAIL
Aflatoxin B1	4	≤ 5	0.2	ND	PASS
Aflatoxin B2	10	≤ 20	0.5	ND	PASS
Aflatoxin G1	10	≤ 20	0.5	ND	PASS
Aflatoxin G2	10	≤ 20	0.5	ND	PASS
Ochratoxin A	10	≤ 20	0.5	ND	PASS
Total Aflatoxins	10	≤ 20	0.5	ND	PASS

Additional Notes

All analytes tested per variance



RESIDUAL SOLVENTS SCREENING

RESULTS:

TEST INITIATED ON

30-Oct-25

TEST COMPLETED ON

31-Oct-25

Residual Solvent analysis gas chromatography-Flame Ionization Detection (GC-FID)

TEST METHOD: CLTM-MCB06

REVISION NO. 2

TEST SAMPLE AMOUNT: 1.879 g

ORIGINAL TEST ☒
RE-ANALYSIS ☐
REMEDATION ☐

NOTEBOOK REF. NO. NB20181 p63 NB20186 p12, 14

RESIDUAL SOLVENT	SCREENING LIMIT (ppm)	EDIBLE LIMIT (ppm)	LOD/LOQ (ppm)	RESULT (ppm)	DET/ND/NT
Acetone	600	5000	480	ND	ND
Benzene	0.5	2	0.4	ND	ND
Butane	250	5000	250	ND	ND
Chloroform	0.9	2	0.7	ND	ND
Cyclohexane	243	3880	194	ND	ND
Dichloromethane	88	600	70	ND	ND
Ethanol	30	5000	24	< SL	ND
Ethyl Acetate	300	5000	240	< SL	ND
Heptane	200	5000	160	ND	ND
Hexane	44	290	35	ND	ND
Isopropanol	400	5000	320	< SL	ND
Methanol	200	3000	160	< SL	ND
Pentane	10	3000	8	ND	ND
Propane	250	5000	250	< SL	ND
Toluene	111	890	88	< SL	ND
Trichloroethene	15	80	12	ND	ND
Total Xylenes	110	2170	88	ND	ND

RESIDUAL SOLVENTS QUANTITATIVE ANALYSIS

TEST METHOD: NA

REVISION NO. NA

TEST SAMPLE AMOUNT: NA

ORIGINAL TEST ☐
RE-ANALYSIS ☐
REMEDATION ☐

RESIDUAL SOLVENT	LOD/LOQ (ppm)	ACTION LIMIT (ppm)	MEASUREMENT UNCERTAINTY (ppm)	RESULT (ppm)	PASS/FAIL
NA	NA	NA	NA		
NA	NA	NA	NA		
NA	NA	NA	NA		
NA	NA	NA	NA		
NA	NA	NA	NA		

Additional Notes

SL = Screening Limit
ND = Not Detected
MDL = Method Detection Limit
All analytes tested per variance

