



SAMPLE DETAILS

PRODUCT TYPE	Cannabis	MANIFEST NUMBER	0000083507	REQUEST NUMBER:	MCBR-2603-035
SAMPLE NAME:	Munchies de Mayo - Mango Fuego	DATE COLLECTED:	NA	SAMPLES ACCEPTED INTO TEST ON:	27-Mar-26
MATRIX TYPE:	Edible - Gummy	DATE RECEIVED IN METRC	26-Mar-26	DATE ASSIGNED TO LAB:	27-Mar-26

SAMPLE DETAILS		TESTED FOR:		ANALYSIS TYPE: (Check all that applies)	
FULL TAG NUMBER:	1A45003000005DD000003591	BUSINESS NAME	North Star Canna	R&D	NO (YES/NO)
LAST 4 DIGITS TAG NUMBER:	3591	ADDRESS	16720 200th St. E. Hastings, MN 55033	COMPLIANCE	YES (YES/NO)
LOT/BATCH NUMBER:	ST-Man-Taj-0326	LICENSE NUMBER	ML0001	REANALYSIS	NO (YES/NO)
AMOUNT RECEIVED:	480.60g (Including Packaging)			RETEST	NO (YES/NO)
LAB SAMPLE ID:	2603035-007				

CANNABINOID ANALYSIS - Summary

Reported Total THC (and other Total cannabinoids) values include the standard 0.877 conversion factor to account for the conversion of acidic cannabinoids (e.g., THCA) to their neutral forms (e.g., THC); no further calculation is required. The following are example calculations and definitions that have been applied;

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 CONTENT (mg/unit) 9.182

Total THC (Δ9-THC + (0.877*THCa))

TOTAL CBD CONTENT (mg/unit) ND

Total CBD (CBD+(0.877*CBDA))

TOTAL OTHER KNOWN CANNABINOIDS: (mg/unit) ND

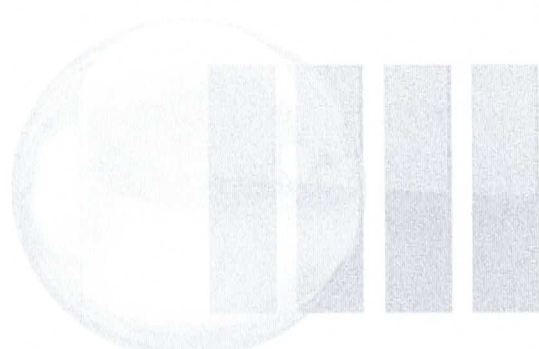
Total Other Known Cannabinoids = [Total CBG (CBG + 0.877*CBGa)]+[Total THCv (THCV + 0.877*THCVa)]+ [Total CBC (CBC + 0.877*CBCa)]+[Total CBDV (CBDV + 0.877*CBdVa)]... for the remaining 12 targeted cannabinoids, not including THC, THCA, CBD, CBDA.

TOTAL UNKNOWN/UNIDENTIFIED SUBSTANCES: (%) ND

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	PASS
Heavy Metals	PASS
Microbiology	PASS
Water Activity	PASS
Foreign Particulate Matter	NT
Residual Solvents	PASS
Mycotoxins	PASS
Pesticides	PASS
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

APPROVAL BY: Henry Larmie, PHD

JOB TITLE: CEO

DATE: 15 APR 2026

SIGNATURE:

RELEASED BY: Zarrar Khan

JOB TITLE: QAC II

DATE: 15 APR 2026

SIGNATURE:

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.



CERTIFICATE OF ANALYSIS

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

CERTIFICATE NUMBER: 2603035007

DATE ISSUED 15 APR 2026
REVISION # 1.0

REQUEST NO.: MCBR-2603-035	SAMPLE NAME: Munchies de Mayo - Mango Fuego	LAST 4 DIGITS TAG NO.: 3591
MANIFEST NO.: 000083507	LAB SAMPLE ID: 2603035-007	LOT/BATCH NO. ST-Man-Taj-0326



Cannabinoid Analysis

TEST INITIATED ON: **1-Apr-26**

TEST COMPLETED ON: **8-Apr-26**

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

TEST METHOD: **CLTM-MCB13**
REVISION NO. **1.0**

TEST SAMPLE AMOUNT: **3g**

ORIGINAL TEST
RE-ANALYSIS
REMIATION TEST

NOTEBOOK REF. NO. **20190 p. 12**

LABEL CLAIM:

10 mg THC
NA mg CBD
NA mg CBG
NA mg CBN
NA mg CBC
Other: REPORT RESULT

KNOWN CANNABINOIDS: Name	CANNABINOID Abbreviation	MEASUREMENT UNCERTAINTY (%)	LOD/LOQ (mg/g)	RESULT (mg/g)	RESULT (mg/piece)
Δ9Tetrahydrocannabinol	Δ9THC	NA	NA	3.019	9.182
Tetrahydrocannabinolic acid	THCa	NA	NA	ND	
Cannabidiol	CBD	NA	0.030/0.089	ND	ND
Cannabidiolic acid	CBDa	NA	0.030/0.089	ND	
Cannabigerol	CBG	NA	0.030/0.089	ND	ND
Cannabigerolic Acid	CBGA	NA	0.030/0.089	ND	
Cannabinol	CBN	NA	0.030/0.089	ND	ND
Cannabichromene	CBC	NA	0.030/0.089	ND	
Cannabichromenic acid	CBCa	NA	0.030/0.089	ND	ND
Cannabidivarinic acid	CBDVa	NA	0.030/0.089	ND	ND
Cannabidivarin	CBDV	NA	0.030/0.089	ND	ND
Tetrahydro-cannabivarin	THCV	NA	0.030/0.089	ND	ND
Tetrahydrocannabivarin acid	THCVa	NA	0.030/0.089	ND	ND
Δ8Tetrahydrocannabinol	Δ8THC	NA	0.030/0.089	ND	ND

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

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

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) must be no less than 20 to 1 (at least 95% delta-9-THC)



Water activity analysis conducted via water activity meter

TEST METHOD NO.: **CLTM-MCB10**
REVISION NO. **3.0**
NOTEBOOK REF. NO. **20174, pg. 67**

TEST INITIATED ON: **27-Mar-26**

TEST COMPLETED ON: **27-Mar-26**

TEST	LOD/LOQ (aw)	ACTION LIMIT (aw)	MEASUREMENT UNCERTAINTY (aw)	RESULT (aw)	PASS/FAIL
Water Activity	0.25/0.50	0.85	±0.004	0.607	PASS

TEST SAMPLE AMOUNT: **4.8907** g

ORIGINAL TEST RE-ANALYSIS REMEDIATION-TEST



CERTIFICATE OF ANALYSIS

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

CERTIFICATE NUMBER:

2603035007

DATE ISSUED 15 APR 2026

REVISION #

1.0

REQUEST NO.:	MCBR-2603-035	SAMPLE NAME	Munchies de Mayo - Mango Fuego	LAST 4 DIGITS TAG NO.:	3591
MANIFEST NO.:	000083507	LAB SAMPLE ID:	2603035-007	LOT/BATCH NO.	ST-Man-Taj-0326



Pesticide Analysis

RESULTS:

TEST INITIATED ON

3-Apr-26

COMPLETED ON

6-Apr-26

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: 1.0 g

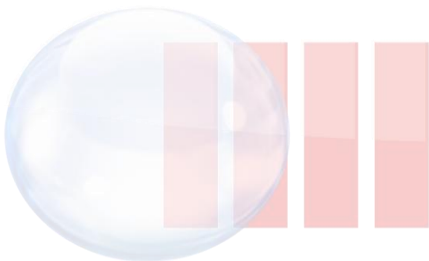
NOTEBOOK REF. NO. NB20182p. 68

- ORIGINAL TEST
- RE-ANALYSIS
- REMIEDIATION TEST

Additional Notes:

All analytes tested per variance
 a,b includes isomers
 * Tested per variance, estimated concentrations
 ND - Not detected

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	0.0005	ND	PASS
Acetamiprid	0.01/0.01	0.2	0.0005	ND	PASS
Azadirachtin*	0.1/0.25	1.0	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	ND	PASS
Chlorantraniliprote	0.01/0.02	0.2	0.001	ND	PASS
Chlorfenapyr	0.1/0.25	1.0	0.0125	ND	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	ND	PASS
Cyfluthrin	0.1/0.25	1.0	0.0125	ND	PASS
Cypermethrin	0.05/0.1	1.0	0.005	ND	PASS
Daminozide*	0.05/0.1	1.0	0.005	<LOD	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	0.005	ND	PASS
Fludioxonil	0.1/0.1	0.4	0.005	ND	PASS
Hexythiazox	0.02/0.05	1.0	0.0025	ND	PASS
Imazalil	0.05/0.1	0.2	0.005	ND	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
Metaxyl	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	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	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	ND	PASS
Pyrethrins ^b	0.02/0.05	1.0	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

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

CERTIFICATE NUMBER: 2603035007

DATE ISSUED: 15 APR 2026
REVISION #: 1.0

REQUEST NO.:	MCBR-2603-035	SAMPLE NAME	Munchies de Mayo - Mango Fuego	LAST 4 DIGITS TAG NO.:	3591
MANIFEST NO.:	0000083507	LAB SAMPLE ID:	2603035-007	LOT/BATCH NO.	ST-Man-Taj-0326



MICROBIOLOGY ANALYSIS

RESULTS:

TEST INITIATED ON: 31-Mar-26

COMPLETED ON: 3-Apr-26

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

TEST METHOD: CLTM-MCB22
Revision No. 2.0

MICROBIAL TARGET	SAMPLE AMOUNT (g)	ACTION LIMIT	RESULT	PASS/FAIL
<i>Salmonella</i>	25	Not detected in 25g	Not Detected	PASS
Shiga toxin-producing <i>Escherichia coli</i> (O157:H7)	25	Not detected in 25g	Not Detected	PASS
<i>Enterobacteriaceae</i>	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
<i>Aspergillus spp.</i>	25	Not detected in 25g	Not Detected	PASS
<i>Listeria monocytogenes</i>	25	Not detected in 25g	Not Detected	PASS

ORIGINAL TEST RE-ANALYSIS RE-TEST

TEST METHOD: CLTM-MCB38
Revision No. 2.0

TEST METHOD: CLTM-MCB37
Revision No. 2.0

MICROBIAL TARGET	SAMPLE AMOUNT (g)	ACTION LIMIT	RESULT	PASS/FAIL
Total Aerobic Microbial Count (TAMC)	NA	NA	NA	NT
Total Yeast & Mold Count (TYMC)	NA	NA	NA	NT

ORIGINAL TEST RE-ANALYSIS RE-TEST

TEST METHOD: NT
Revision No. NT

NOTEBOOK REF. NO. NB 20170 pg 82

NOTEBOOK REF. NO. NT

Comments:



HEAVY METALS ANALYSIS

RESULTS:

TEST INITIATED ON: 1-Apr-26

TEST COMPLETED ON: 2-Apr-26

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

TEST METHOD: CLTM-MCB19
REVISION NO. 4.0

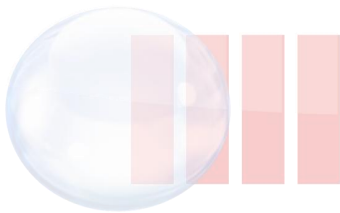
COMPOUND	LOD/LOQ (ppm)	ACTION LIMIT (ppm)	MEASUREMENT UNCERTAINTY (ppm)	RESULT (ppm)	PASS/FAIL
Arsenic	0.1/0.2	1.5	0.1	ND	PASS
Cadmium	0.1/0.2	0.5	0.02	ND	PASS
Lead	0.1/0.2	0.5	0.03	ND	PASS
Mercury	0.8/1.2	3	0.2	ND	PASS

NOTEBOOK REF. NO. 20185 p. 42

TEST SAMPLE AMOUNT: 0.4993 g

ORIGINAL TEST
RE-ANALYSIS
REMEDIACTION TEST

Comments:





CERTIFICATE OF ANALYSIS

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

CERTIFICATE NUMBER:

2603035007

DATE ISSUED 15 APR 2026
REVISION # 1.0

REQUEST NO.:	MCBR-2603-035	SAMPLE NAME	Munchies de Mayo - Mango Fuego	LAST 4 DIGITS TAG NO.:	3591
MANIFEST NO.:	0000083507	LAB SAMPLE ID:	2603035-007	LOT/BATCH NO.	ST-Man-Taj-0326



MYCOTOXIN ANALYSIS

RESULTS:

TEST INITIATED ON

3-Apr-26

COMPLETED ON

6-Apr-26

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

TEST METHOD: CLTM-MCB23

REVISION NO. 2.0

TEST SAMPLE AMOUNT: 0.5 g

NOTEBOOK REF. NO. NB20182 p. 68

- ORIGINAL TEST
- RE-ANALYSIS
- REMEDIATION

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

3-Apr-26

TEST COMPLETED ON

8-Apr-26

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

TEST METHOD: CLTM-MCB06

REVISION NO. 2.0

TEST SAMPLE AMOUNT: 2 g

- ORIGINAL TEST
- RE-ANALYSIS
- REMEDIATION

NOTEBOOK REF. NO. 20188 p 21-25

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

RESIDUAL SOLVENTS QUANTITATIVE ANALYSIS

TEST METHOD: CLTM-MCB18D

REVISION NO. 0.0

TEST SAMPLE AMOUNT: 1 g

- ORIGINAL TEST
- RE-ANALYSIS
- REMEDIATION

RESIDUAL SOLVENT	LOD/LOQ (ppm)	ACTION LIMIT (ppm)	MEASUREMENT UNCERTAINTY (ppm)	RESULT (ppm)	PASS/FAIL
Ethanol	16/20	5000	NT	1141	PASS
Pentane	8/10	3000	NT	ND	PASS
NA	NA	NA	NA	NA	NT
NA	NA	NA	NA	NA	NT
NA	NA	NA	NA	NA	NT

Additional Notes

SL = Screening Limit

ND = Not Detected

MDL = Method Detection Limit

All analytes tested per variance

*Analytes detected by screening method are evaluated with a quantitative method for actual ppm levels.

