

RADE ANALYTICS

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ISO/IEC 17025:2017 Accredited Testing Laboratory

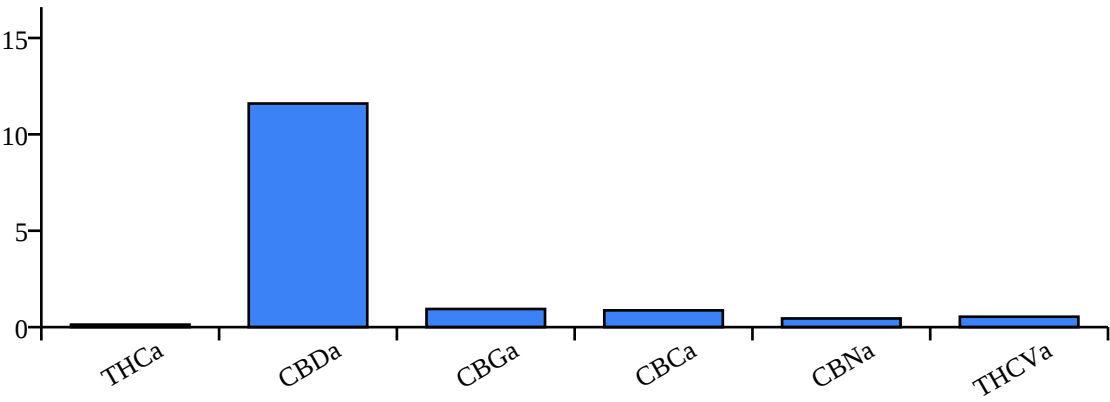
Certificate of Analysis

Client & Sample Information	
Customer:	Honey Buzz
Phone:	
Email:	
Address:	Pompano Beach, FL
Sample ID:	NL-SAMPLE-2025-001A
Batch ID:	NL-BATCH-2025-001
Date Submitted:	07/15/2025
Lab Technician:	Sarah Martinez
Analysis Date:	07/16/2025
Strain Name:	Northern Lights
Expiration Date:	10/14/2025
Sample Type:	Hemp Flower
Lab Director:	Dr. Michael Chen

CANNABINOID SUMMARY

Δ9-THC	Total Cannabinoids	Moisture
0.09%	23.83%	6.5%
PASS	PASS	PASS

Cannabinoid Profile Chart



Cannabinoid Profile (%)

Batch ID: CAN-0714-NL-001-151337 | Instrument: HPLC-UV (Agilent 1260 Infinity)

Analyte	LOD	LOQ	Result	Result (mg/g)
THCa	0.01	0.01	0.13	1.3
Δ9-THC	0.01	0.01	0.09	0.9
THCP	0.01	0.01	8.3	83.0
CBDa	0.01	0.01	11.60	116.0
CBD	0.01	0.01	0.60	6.0
CBGa	0.01	0.1	0.94	9.4
CBG	0.01	0.1	0.12	1.2
CBCa	0.01	0.1	0.87	8.7
CBC	0.01	0.1	0.09	0.9
CBNa	0.01	0.1	0.45	4.5
CBN	0.01	0.1	0.05	0.5

HPLC-UV Chromatogram



INSTRUMENT SPECIFICATIONS

Instrument: Agilent 1260 Infinity Method: USP <1090>
Wavelength: 220nm, 254nm, 280nm Runtime: 25 minutes
Peak Resolution: >1.5 Injection Volume: 10μL Column: C18 (4.6x250mm)
Detection: UV-Vis Diode Array Temperature: 30°C Flow Rate: 1.0 mL/min

PESTICIDES ANALYSIS

Batch ID: PES-0714-NL-001-151337 | Instrument: LC-MS/MS (Agilent 6470)

Analyte	Result	Units	Limit	Status
Abamectin	<LOD	ppm	<0.1	Pass
Azoxystrobin	<LOD	ppm	<0.1	Pass
Bifenazate	<LOD	ppm	<0.1	Pass
Etoxazole	<LOD	ppm	<0.1	Pass
Imidacloprid	<LOD	ppm	<0.1	Pass
Myclobutanil	<LOD	ppm	<0.1	Pass
Spiromesifen	<LOD	ppm	<0.1	Pass
Tebuconazole	<LOD	ppm	<0.1	Pass

HEAVY METALS ANALYSIS

Batch ID: HM-0714-NL-001-151337 | Instrument: ICP-MS (Agilent 7900)

Analyte	Result	Units	Limit	Status
Arsenic	<LOD	ppm	0.2	Pass
Cadmium	<LOD	ppm	0.2	Pass
Lead	<LOD	ppm	0.5	Pass
Mercury	<LOD	ppm	0.1	Pass

MYCOTOXINS ANALYSIS

Batch ID: MYC-0714-NL-001-151337 | Instrument: LC-MS/MS (Agilent 6470)

Analyte	Result (ppb)	Limit (ppb)	Status
Aflatoxin B1	<LOD	< 20.0	PASS
Aflatoxin B2	<LOD	< 20.0	PASS
Aflatoxin G1	<LOD	< 20.0	PASS
Aflatoxin G2	<LOD	< 20.0	PASS
Total Aflatoxins	<LOD	< 20.0	PASS
Ochratoxin A	<LOD	< 20.0	PASS

MICROBIOLOGICAL ANALYSIS

Batch ID: MIC-0714-NL-001-151337 | Instrument: Plate Count Method

Analyte	Result (CFU/g)	Limit (CFU/g)	Status
Total Yeast & Mold	<100	< 10,000	PASS
Total Aerobic Count	<1000	< 100,000	PASS
Total Coliforms	<100	< 1,000	PASS
E. coli	ND	<1	PASS
Salmonella spp.	ND	Absent	PASS
Shiga toxin E. coli	ND	Absent	PASS

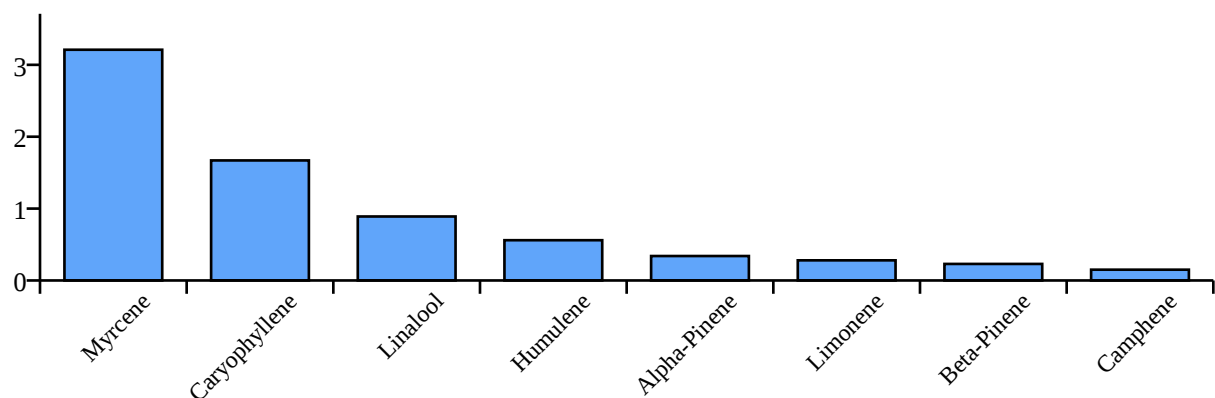
MOISTURE CONTENT

Batch ID: MOI-0714-NL-001-151337 | Instrument: Moisture Analyzer (Mettler Toledo HX204)

Analyte	Result	Units	Limit	Status
Moisture	6.5	%	15.0	Pass
Water Activity	0.60	aw	0.85	Pass

TERPENE PROFILE

Terpene Profile Chart



Batch ID: TER-0714-NL-001-151337 | Instrument: GC-MS (Agilent 7890B/5977A)

Analyte	LOD	LOQ	Result	Result (mg/g)
Myrcene	0.01	0.01	3.21	32.1
Beta-Caryophyllene	0.01	0.01	1.67	16.7
Linalool	0.01	0.01	0.89	8.9
Humulene	0.01	0.01	0.56	5.6
Alpha-Pinene	0.01	0.01	0.34	3.4
Limonene	0.01	0.01	0.28	2.8
Beta-Pinene	0.01	0.01	0.23	2.3

Camphene	0.01	0.01	0.15	1.5
Total Terpenes			7.33	73.3

Electronic Signatures

Lab Technician:	Sarah Martinez	Lab Director:	Dr. Michael Chen
Signature:	Electronically Signed	Signature:	Electronically Signed
Date:	07/16/2025	Date:	07/16/2025

Notes:

Total THC = (THCa × 0.877) + Δ9-THC | Total CBD = (CBDa × 0.877) + CBD

LOD = Limit of Detection; LOQ = Limit of Quantitation. mg/g = Milligrams per gram.

Results are based on sample as received. This report shall not be reproduced except in full without approval of RADE ANALYTICS.

QR Code links to verification at rade.llc/results