

RADE ANALYTICS

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ISO/IEC 17025:2017 Accredited Testing Laboratory



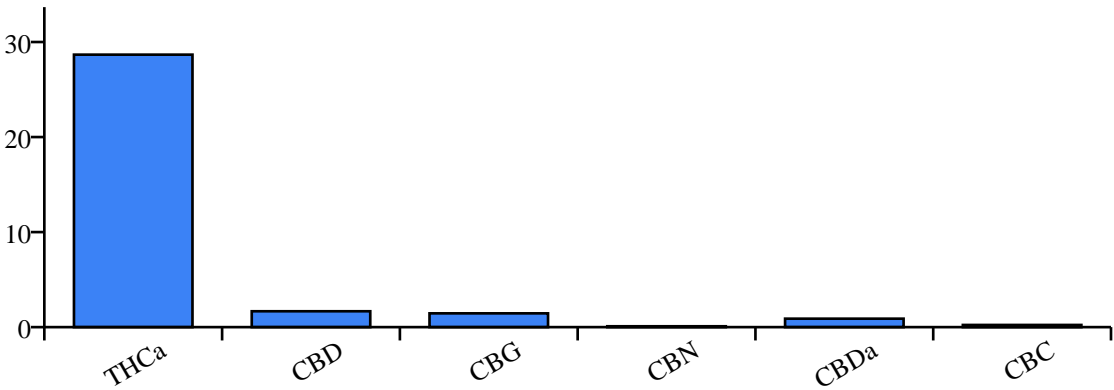
Certificate of Analysis

Client & Sample Information	
Customer:	Tom Johnston
Phone:	
Email:	
Address:	
Sample ID:	0709-BD-006-B@N
Batch ID:	BD-0709-2025-006
Date Submitted:	07/08/2025
Lab Technician:	Brian Reddy
Analysis Date:	07/09/2025
Strain Name:	Blue Dream
Expiration Date:	10/07/2025
Sample Type:	Hemp Flower
Lab Director:	A Lorenzo

CANNABINOID SUMMARY

THCa	CBDa	Total Cannabinoids
28.67%	0.89%	34.87%
PASS	PASS	PASS

Cannabinoid Profile Chart



Cannabinoid Profile (%)

Batch ID: CAN-0709-BD-006-151342 | Instrument: HPLC-UV (Agilent 1260 Infinity)

Analyte	LOD	LOQ	Result	Result (mg/g)
THCa	0.01	0.01	28.67	286.7
Δ9-THC	0.01	0.01	0.25	2.5
CBDa	0.01	0.01	0.89	8.9
CBD	0.01	0.01	1.67	16.7
CBGa	0.01	0.1	1.12	11.2
CBG	0.01	0.1	1.45	14.5
CBCa	0.01	0.1	0.34	3.4
CBC	0.01	0.1	0.23	2.3
CBNa	0.01	0.1	0.16	1.6
CBN	0.01	0.1	0.09	0.9

Spectrometer Analysis

HPLC-UV Chromatogram - Cannabinoid Detection
Instrument: Agilent 1260 Infinity | Method: USP <1090>
Wavelength: 220nm, 254nm, 280nm | Runtime: 25 minutes
Peak Resolution: >1.5 | Injection Volume: 10µL

PESTICIDES ANALYSIS

Batch ID: PES-0709-BD-006-151342 | Instrument: LC-MS/MS (Agilent 6470)

Analyte	Result	Units	Limit	Status
Abamectin	0.01	ppm	0.5	Pass
Azoxystrobin	0.03	ppm	0.5	Pass
Bifenazate	0.02	ppm	0.5	Pass
Etoxazole	0.01	ppm	0.2	Pass
Imidacloprid	0.02	ppm	5.0	Pass
Myclobutanil	ND	ppm	0.2	Pass
Spiromesifen	0.01	ppm	0.2	Pass
Tebuconazole	0.02	ppm	0.5	Pass

HEAVY METALS ANALYSIS

Batch ID: HM-0709-BD-006-151342 | Instrument: ICP-MS (Agilent 7900)

Analyte	Result	Units	Limit	Status
Arsenic	0.028	ppm	0.2	Pass
Cadmium	0.019	ppm	0.2	Pass
Lead	0.065	ppm	0.5	Pass
Mercury	0.011	ppm	0.1	Pass

MYCOTOXINS ANALYSIS

Batch ID: MYC-0709-BD-006-151342 | Instrument: LC-MS/MS (Agilent 6470)

Analyte	Result (ppb)	Limit (ppb)	Status
Aflatoxin B1	0.3	< 20.0	PASS
Aflatoxin B2	0.2	< 20.0	PASS
Aflatoxin G1	0.1	< 20.0	PASS
Aflatoxin G2	0.2	< 20.0	PASS
Total Aflatoxins	0.8	< 20.0	PASS
Ochratoxin A	0.4	< 20.0	PASS

MICROBIOLOGICAL ANALYSIS

Batch ID: MIC-0709-BD-006-151342 | Instrument: Plate Count Method

Analyte	Result (CFU/g)	Limit (CFU/g)	Status
Total Yeast & Mold	92	< 10,000	PASS
Total Aerobic Count	1,678	< 100,000	PASS
Total Coliforms	19	< 1,000	PASS
E. coli	ND	<1	PASS
Salmonella spp.	ND	Absent	PASS
Shiga toxin E. coli	ND	Absent	PASS

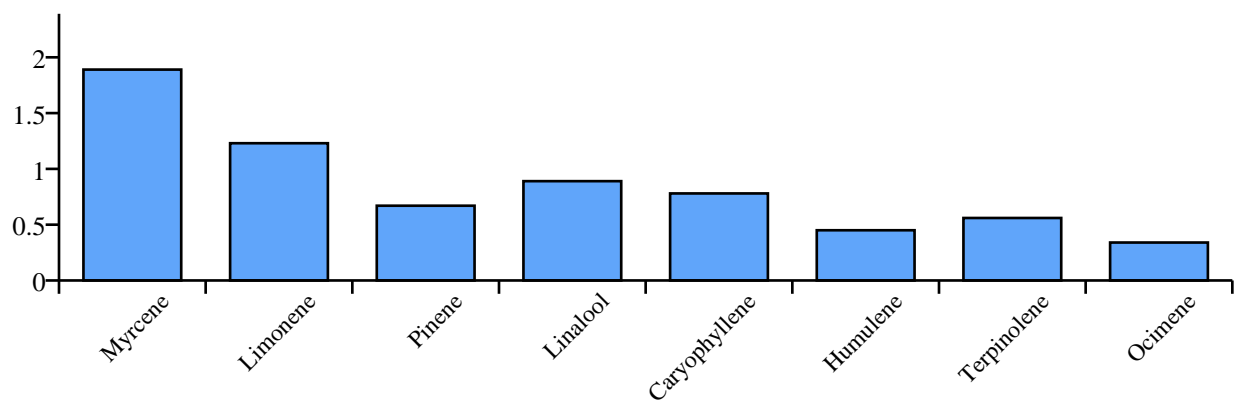
MOISTURE CONTENT

Batch ID: MOI-0709-BD-006-151342 | Instrument: Moisture Analyzer (Mettler Toledo HX204)

Analyte	Result	Units	Limit	Status
Moisture	8.7	%	15.0	Pass
Water Activity	0.56	aw	0.85	Pass

TERPENE PROFILE

Terpene Profile Chart



Batch ID: TER-0709-BD-006-151342 | Instrument: GC-MS (Agilent 7890B/5977A)

Analyte	LOD	LOQ	Result	Result (mg/g)
Myrcene	0.01	0.01	1.89	18.9
Limonene	0.01	0.01	1.23	12.3
Pinene	0.01	0.01	0.67	6.7
Linalool	0.01	0.01	0.89	8.9
Caryophyllene	0.01	0.01	0.78	7.8
Humulene	0.01	0.01	0.45	4.5
Terpinolene	0.01	0.01	0.56	5.6

Ocimene	0.01	0.01	0.34	3.4
Bisabolol	0.01	0.01	0.29	2.9
Valencene	0.01	0.01	0.23	2.3
Total Terpenes			7.33	73.3

Electronic Signatures

Lab Technician:	Brian Reddy	Lab Director:	A Lorenzo
Signature:	Electronically Signed	Signature:	Electronically Signed
Date:	07/09/2025	Date:	07/09/2025

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