

### **Certificate of Analysis**

For R&D Use Only - Not a California Compliance Certificate.

# **Blue Dream**

**Client: The Hemp Haus** 

Sample Name: Blue Dream Batch Number: PLD9325BD Matrix: Plant Unit Mass: 1 g per unit Sample ID: 47450903-29

Date Received: 9/3/2025

Total CBD	ND
Delta 9-THC	0.14 %
THCA	30.10 %
Total Cannabinoids	30.24 %

#### **Analysis Summary**

Residual Pesticides	Pass
Mycotoxins	Pass
Heavy Metals	Pass
Microbial Impurities	Pass

Cannabinoid Analysis Complete

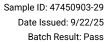
Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0035	0.011	ND	ND
CBD	0.0030	0.0090	ND	ND
CBG	0.0038	0.011	ND	ND
CBDA	0.0017	0.0052	ND	ND
CBN	0.00080	0.0024	ND	ND
Delta 9-THC	0.0022	0.0067	0.140	1.40
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	30.096	300.96
Total CBD			ND	ND
Total THC			26.53	265.33
Total Cannabinoids	•		30.24	302.35

Date Tested: 9/5/2025

Total THC = THCa \* 0.877 + d9-THC + d8-THC; Total CBD = CBDa \* 0.877 + CBD

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References: limit of detection (LOD), limit of quantitation (LOQ), not detected (ND), not tested (NT)



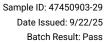


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Pesticide Analysis Pass

Analyte	LOQ (ppm)	Limit (ppm)	Mass (ppm)	Status	
Abamectin	0.050	0.10	ND	Pass	
Acephate	0.050	0.10	ND	Pass	
Acequinocyl	0.050	0.10	ND	Pass	
Acetamiprid	0.050	0.10	ND	Pass	
Aldicarb	0.050	0.00	ND	Pass	
Azoxystrobin	0.050	0.10	ND	Pass	
ifenazate	0.050	0.10	ND	Pass	· ·
ifenthrin	0.050	3.00	ND ND	Pass	
oscalid	0.050	0.10	ND	Pass	
	0.050				
aptan arbaryl		0.70	ND	Pass	
-	0.050	0.50	ND	Pass	
rbofuran	0.050	0.00	ND	Pass	
lorantraniliprole	0.050	10.00	ND	Pass	
lordane	0.050	0.00	ND	Pass	
lorfenapyr	0.050	0.00	ND	Pass	
orpyrifos	0.050	0.00	ND	Pass	
ofentezine	0.050	0.10	ND	Pass	
umaphos	0.050	0.00	ND	Pass	
luthrin	0.050	2.00	ND	Pass	
permethrin	0.050	1.00	ND	Pass	
minozide	0.050	0.00	ND	Pass	
/P	0.050	0.00	ND	Pass	
zinon	0.050	0.10	ND	Pass	
ethoate	0.050	0.00	ND	Pass	
ethomorph	0.050	2.00	ND	Pass	
pprophos	0.050	0.00	ND	Pass	
enprox	0.050	0.00	ND	Pass	
xazole	0.050	0.10	ND	Pass	
hexamid	0.050	0.10	ND	Pass	
oxycarb	0.050	0.00	ND	Pass	
pyroximate	0.050	0.10	ND	Pass	
onil	0.050	0.00	ND	Pass	
icamid	0.050	0.10	ND	Pass	
lioxonil	0.050	0.10	ND	Pass	
ythiazox	0.050	0.10	ND	Pass	
zalil	0.050	0.00	ND	Pass	
lacloprid	0.050	5.00	ND	Pass	
soxim Methyl	0.050	0.10	ND	Pass	
athion	0.050	0.50	ND	Pass	
alaxyl	0.050	2.00	ND	Pass	
ethiocarb	0.050	0.00	ND	Pass	
thomyl	0.050	1.00	ND	Pass	
thyl Parathion	0.050	0.00	ND	Pass	
vinphos	0.050	0.00	ND	Pass	
clobutanil	0.050	0.10	ND	Pass	
led	0.050	0.10	ND	Pass	
amyl	0.050	0.50	ND	Pass	
clobutrazol	0.050	0.00	ND	Pass	
ntachloronitrobenzene	0.050	0.10	ND	Pass	
rmethrin	0.050	0.50	ND	Pass	
osmet	0.050	0.10	ND	Pass	
eronyl Butoxide	0.050	3.00	ND	Pass	
allethrin	0.050	0.10	ND	Pass	
opiconazole	0.050	0.10	ND	Pass	



**Pass** 

**Pass** 



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Pesticide Analysis	Pass
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Analyte	LOQ (ppm)	Limit (ppm)	Mass (ppm)	Status	
Propoxur	0.050	0.00	ND	Pass	
Pyrethrins	0.050	0.50	ND	Pass	
Pyridaben	0.050	0.10	ND	Pass	
Spinetoram	0.050	0.10	ND	Pass	
Spinosad	0.050	0.10	ND	Pass	
Spiromesifen	0.050	0.10	ND	Pass	
Spirotetramat	0.050	0.10	ND	Pass	
Spiroxamine	0.050	0.00	ND	Pass	
Tebuconazole	0.050	0.10	ND	Pass	
Thiacloprid	0.050	0.00	ND	Pass	
Thiamethoxam	0.050	5.00	ND	Pass	
Trifloxystrobin	0.050	0.10	ND	Pass	

Date Tested: 9/19/2025

Mycotoxins

Analyte	LOQ (μg/g)	Limit (µg/g)	Ma	ass (µg/g)	Status
Aflatoxin B1	0.02	0.02		ND	Pass
Aflatoxin B2	0.02	0.02		ND ND	Pass
Aflatoxin G1	0.02	0.02		ND	Pass
Aflatoxin G2	0.02	0.02		ND	Pass
Ochratoxin A	0.02	0.02		ND	Pass

Date Tested: 9/19/2025

Heavy Metals Analysis

Analyte	LOQ (µg/g)		Limit (µg/g)	Mass (µg/g)	Status	
Arsenic	0.050		0.200	ND	Pass	
Cadmium	0.050		0.200	ND	Pass	
Lead	0.125		0.500	0.149	Pass	
Mercury	0.025	W	0.100	ND	Pass	

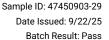
Date Tested: 9/17/2025

Microbial Analysis Pass

Test		Result (CFU/g	) Status	
Aspergillus flavus		Absent / 1	g Pass	
Aspergillus fumigatus		Absent / 1	g Pass	
Aspergillus niger		Absent / 1	g Pass	
Aspergillus terreus		Absent / 1	g Pass	
Shiga-toxin producing Escherichia coll	į	Absent / 1	g Pass	
Salmonella		Absent / 1	g Pass	

Date Tested: 9/18/2025 CFU = Colony Forming Units

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#### Method References:

Hemp Profile (SOP HPLC Hemp by UV-Detection)

Multi-Residue Pesticide Analysis - (AOAC\_200701)

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

Mycotoxins Analysis - 5 compounds (FDA\_MYC)

Determination of Mycotoxins in Corn, Peanut Butter and Wheat Flour Using Stable Isotope Dilution Assay (SIDA) and Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) (modified).

Heavy Metals Analysis - 4 elements (EPA\_200.8)

Methods for the Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994. The Complex of the Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals - Supplement 1, EPA-600/R-94-111, May 1994. The Determination of Metals - Supplement 1, EPA-600/R-94-111, May 1994. The Determination o

"Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Mass Spectrometry", USEPA Method 200.8, Revision 5.1, EMMC Version (modified).

Microbial Analysis - (FDABAM\_4A\_5\_18)

U.S. Food and Drug Administration, Bacteriological Analytical Manual, Chapter 4A, Diarrheagenic Escherichia coli; Chapter 5, Salmonella; Chapter 18, Yeasts, Molds and Mycotoxins (modified).

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