

## Certificate of Analysis

<b>Company:</b> High in the Sky Farm PO Box 932 Hardwick, VT 05843 <b>Customer ID:</b> 230809-0 <b>Grower License #:</b> N/A	<b>Sample ID:</b> Blue Dream <b>Lot:</b> 1 <b>Matrix:</b> Flower <b>Date Sampled:</b> N/A <b>Date Received:</b> 11/6/2023	<b>Report Date:</b> 11/22/2023 <b>Date Analyzed:</b> 11/21/2023 <b>Analyst:</b> 011 <b>Report ID:</b> C231106AK
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### Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	0.81	0.08
CBGA	0.0008	12.67	1.27
CBG	0.0019	2.85	0.28
CBD	0.0019	0.93	0.09
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	64.65	6.47
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	175.40	17.54
CBC	0.0024	2.13	0.21
Total THC		218.48	21.85
Total CBD		1.65	0.16
Total Cannabinoids		259.44	25.94

21.85%

Total THC

0.16%

Total CBD

25.94%

 Total  
Cannabinoids

6.47%

Δ9-THC

11.39%

 Percent  
Moisture

1 : 0

 THC : CBD  
Ratio

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:

Total THC = (THCA × 0.877) + Δ9-THC      Total CBD = (CBDA × 0.877) + CBD  
 Ratio of Total CBD: Total THC      Reagent Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.

Δ9-THC MU = ±0.005%      Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

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Certified by:



Luke Emerson Mason (Laboratory Director, Bia Diagnostics)



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**Sample ID:** Blue Dream  
**Lot:** 1  
**Matrix:** Flower  
**Date Sampled:** N/A  
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**Date Analyzed:** 11/17/2023  
**Analyst:** 049  
**Report ID:** C231106AK

## Water Activity Summary

Test	Method	Result
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.5841



Test Methodology: Aqualab TDL 2 water activity meter with tunable diode laser

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