

## Blue Zkittlez Lot: 18

 Sample ID: BIA241114S0006  
 Strain: Blue Zkittlez

 Produced:  
 Collected:  
 Received: 11/14/2024  
 Completed: 11/18/2024  
 Batch#: Lot #18

 Client  
 High Brix Cannabis/ Northern Craft

 Matrix: Plant  
 Type: Flower - Cured  
 Sample Size: 1.59 g  
 Lot#:


### Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	11/15/2024	Complete
Moisture	11/14/2024	9.70% - Complete
Water Activity	11/14/2024	0.521 aw - Complete
Terpenes	11/14/2024	Complete

### Cannabinoids

Completed

24.89%		0.07%		29.41%	
Total THC		Total CBD		Total Cannabinoids	
Analyte	LOQ	Results	Results	Mass	
	mg/g	%	mg/g	mg/serving	
CBDVa	0.0005	<LOQ	<LOQ		
CBDV	0.0012	<LOQ	<LOQ		
CBDa	0.0008	0.08	0.8		
CBGa	0.0008	0.86	8.6		
CBG	0.0019	0.13	1.3		
CBD	0.0019	<LOQ	<LOQ		
THCV	0.0021	<LOQ	<LOQ		
CBN	0.0013	<LOQ	<LOQ		
Δ9-THC	0.0020	0.28	2.8		
Δ8-THC	0.0019	<LOQ	<LOQ		
Δ10-THC	0.0002	<LOQ	<LOQ		
CBC	0.0024	<LOQ	<LOQ		
THCa	0.0034	28.06	280.6		
<b>Total THC</b>		<b>24.89</b>	<b>248.87</b>		
<b>Total CBD</b>		<b>0.07</b>	<b>0.72</b>		
<b>Total</b>		<b>29.41</b>	<b>294.09</b>	<b>0.00</b>	

Analyst: 056

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:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

Blanks: &lt; 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 (&lt;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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




 Luke Emerson-Mason  
 Laboratory Director  
 11/18/2024

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### Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	5.615	0.562
β-Myrcene	0.010	4.954	0.495
Ocimene	0.010	4.330	0.433
β-Caryophyllene	0.010	2.583	0.258
Linalool	0.010	2.195	0.219
β-Pinene	0.010	1.665	0.166
α-Humulene	0.010	1.085	0.108
α-Pinene	0.010	0.889	0.089
cis-Nerolidol	0.010	0.229	0.023
Eucalyptol	0.010	0.166	0.017
Camphene	0.010	0.127	0.013
Terpinolene	0.010	0.122	0.012
α-Bisabolol	0.010	0.063	0.006
γ-Terpinene	0.010	0.043	0.004
α-Terpinene	0.010	0.026	0.003
Geraniol	0.010	0.018	0.002
3-Carene	0.010	0.011	0.001
Caryophyllene Oxide	0.010	0.011	0.001
Guaiol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
<b>Total</b>		<b>24.131</b>	<b>2.413</b>

### Primary Aromas

 Orange	 Hops	 Earthy	 Cinnamon	 Lavender
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Analyst: 048

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

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

Reagent Blanks: &lt; LOQs for all analytes

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

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 Laboratory Director  
 11/18/2024

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