

## Hazmat 120u

**Sample ID:** BIA251126S0777  
**Strain:** Manu0114-Haz120u-1  
**Harvest Lot:**  
**Matrix:** Concentrates & Extracts  
**Type:** Rosin  
**Sample Size:** 1 units  
**Lot#:**

**Produced:**  
**Collected:**  
**Received:** 11/26/2025  
**Completed:** 12/05/2025  
**Batch#:**

**Client**  
**PermaGanix**



### Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	12/02/2025	Complete
Terpenes	12/03/2025	Complete
Microbials	12/05/2025	Complete

### Cannabinoids

Completed

66.93% Total THC						ND Total CBD						80.12% Total Cannabinoids					
Analyte	LOQ	Results	Results	Mass	Mass	Analyte	LOQ	Results	Results	Mass	Mass	Analyte	LOQ	Results	Results	Mass	Mass
	%	%	mg/g	mg/mL	mg/container		%	%	mg/g	mg/mL	mg/container		%	%	mg/g	mg/mL	mg/container
CBDVa	0.0000	<LOQ	<LOQ			CBCVa	0.0000	<LOQ	<LOQ			CBCVa	0.0000	<LOQ	<LOQ		
CBDV	0.0000	<LOQ	<LOQ			CBNa	0.0000	<LOQ	<LOQ			CBNa	0.0000	<LOQ	<LOQ		
CBDa	0.0001	<LOQ	<LOQ			Δ9-THC	0.0001	1.63	16.3			Δ9-THC	0.0001	1.63	16.3		
CBGa	0.0001	2.34	23.4			Δ8-THC	0.0000	<LOQ	<LOQ			Δ8-THC	0.0000	<LOQ	<LOQ		
CBG	0.0001	0.43	4.3			Δ10-THC*	0.0000	<LOQ	<LOQ			Δ10-THC*	0.0000	<LOQ	<LOQ		
CBD	0.0001	<LOQ	<LOQ			CBL	0.0001	<LOQ	<LOQ			CBL	0.0001	<LOQ	<LOQ		
THCV	0.0000	<LOQ	<LOQ			CBC	0.0000	<LOQ	<LOQ			CBC	0.0000	<LOQ	<LOQ		
CBLV	0.0000	0.33	3.3			THCa	0.0001	74.45	744.5			THCa	0.0001	74.45	744.5		
CBCV	0.0000	<LOQ	<LOQ			CBCa	0.0001	0.53	5.3			CBCa	0.0001	0.53	5.3		
THCVa	0.0000	0.41	4.1			CBLa	0.0001	<LOQ	<LOQ			CBLa	0.0001	<LOQ	<LOQ		
CBN	0.0001	<LOQ	<LOQ			<b>Total THC</b>		<b>66.93</b>	<b>669.25</b>			<b>Total THC</b>		<b>66.93</b>	<b>669.25</b>		
						<b>Total CBD</b>		<b>ND</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>	<b>Total CBD</b>		<b>ND</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>
						<b>Total</b>		<b>80.12</b>	<b>801.24</b>	<b>0.00</b>	<b>0.00</b>	<b>Total</b>		<b>80.12</b>	<b>801.24</b>	<b>0.00</b>	<b>0.00</b>

Analyst: 052

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.

\*The result is the sum of delta-10 isomers.




Luke Emerson-Mason  
 Laboratory Director  
 12/05/2025

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## Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	3.960	0.396
Ocimene	0.010	3.617	0.362
β-Myrcene	0.010	3.290	0.329
β-Pinene	0.010	2.484	0.248
Linalool	0.010	2.469	0.247
β-Caryophyllene	0.010	2.298	0.230
α-Pinene	0.010	2.040	0.204
α-Humulene	0.010	0.751	0.075
Terpinolene	0.010	0.555	0.056
Camphene	0.010	0.236	0.024
Geraniol	0.010	0.115	0.011
γ-Terpinene	0.010	0.052	0.005
α-Terpinene	0.010	0.022	0.002
3-Carene	0.010	0.016	0.002
α-Bisabolol	0.010	0.015	0.002
Caryophyllene Oxide	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Eucalyptol	0.010	<LOQ	<LOQ
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>21.921</b>	<b>2.192</b>

## Primary Aromas

 Orange	 Earthy	 Hops	 Pine	 Lavender
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Analyst: 052

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

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

Reagent Blanks: < LOQs for all analytes

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

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




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 Laboratory Director  
 12/05/2025

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## Pathogens

Completed

Pathogens	LOD	Results
	CFU/g	CFU/g
Aspergillus	5	Not Detected
Shiga Toxin E. Coli	5	Not Detected
Salmonella SPP	5	Not Detected

**Analyst:** 049

**Test Methodology:** Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

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

Reagent Blanks: <LOD for all analytes




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