

# Certificate of Analysis

1 of 3

## **Perpetual Brands**

12 Latti Farm Road Millbury, MA 01527 g.laythe@perpetualbrands.com (774) 276-6579 Lic. #RMD 1706

## Sample: 2410AST0763-9704

Strain: 2090 Shit

Harvest/Production Date: 2024-09-12; Batch Size: g;

Harvest Process Lot:

METRC Batch: 1A40A0100008D07000055661

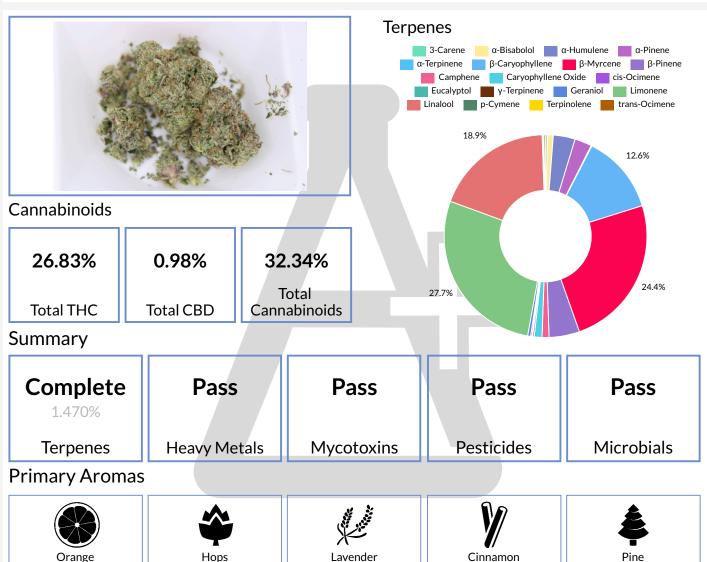
Report Created: 10/09/2024

### M00003214021: 2090 - SHK

Plant, Flower - Cured

METRC Sample: 1A40A0100008D07000048718





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#### Complete Cannabinoids

26.83%	0.98%	32.34%
Total THC	Total CBD	Total Cannabinoids

Analyte	Method Detection Limit	Results	Results	
	%	%	mg/g	
THCa	0.07	29.64	296.36	
Δ9-THC	0.10	0.84	8.38	
Δ8-THC	0.14	ND	ND	
THCVa	0.11	0.18	1.78	
THCV	0.10	ND	ND	
CBDa	0.10	1.12	11.19	
CBD	0.11	ND	ND	
CBDVa	0.11	ND	ND	
CBDV	0.12	ND	ND	
CBNa	0.12	ND	ND	
CBN	0.11	ND	ND	
CBGa	0.10	0.11	1.12	
CBG	0.12	0.13	1.29	
CBCa	0.10	0.33	3.25	
CBC	0.11	ND	ND	
CBL	0.11	ND	ND	
Total		32.34	323.38	

Microbials				Pass
Analyte	Method Detection Limit	Limit	Results	Status
Aerobic Bacteria Yeast & Mold	CFU/g 100000 10000	CFU/g 100000 10000	CFU/g ND ND	Pass Pass
Bile-Tolerant Gram- Negative Bacteria	1000	1000	ND	Pass
Coliforms E. Coli Salmonella	1000	1000	ND ND ND	Pass Pass Pass

Sample ID: 2410AST0763-9704, Date Received: 10/07/2024; Date Tested: 10/04/2024, Analyst: AC

Sample ID: 2410AST0763-9704, Date Received: 10/07/2024; Date Tested: 10/09/2024,

Total THC = d9 THC + (0.877\*THCA), Total CBD = CBD + (0.877\*CBDA)

Heavy Metals				Pass
Analyte	Method Detection Limit	Limit	Results	Status
Arsenic Cadmium Lead	PPB 54.0000 41.0000 74.0000	PPB 200.0000 200.0000 500.0000	PPB ND ND ND	Pass Pass Pass
Mercury	3.0000	100.0000	ND	Pa

Sample ID: 2410AST0763-9704, Date Received: 10/07/2024; Date Tested: 10/08/2024, Analyst: EB

Pesticides	Method Detection	Results	Pass
Analyte	Limit		Status
Bifenazate Bifenthrin Cyfluthrin Etoxazole Imazalil Imidacloprid Myclobutanil Spiromesifen Trifloxystrobin	PPB 2.000 3.000 28.000 3.000 3.000 3.000 4.000 3.000	PPB ND ND ND ND ND ND ND ND	Pass Pass Pass Pass Pass Pass Pass Pass

Sample ID: 2410AST0763-9704, Date Received: 10/07/2024; Date Tested: 10/08/2024, Analyst: TW

Mycotoxins			Pass
Analyte	Method Detection Limit	Limit	Results Status
	PPB	PPB	PPB
Aflatoxin B1	4.0	20.0	ND Pass
Aflatoxin B2	4.0	20.0	ND Pass
Aflatoxin G1	4.0	20.0	ND Pass
Aflatoxin G2	5.0	20.0	ND Pass
Ochratoxin A	5.0	20.0	ND Pass
Total Aflatoxins		20.0	ND Pass

Sample ID: 2410AST0763-9704, Date Received: 10/07/2024; Date Tested: 10/08/2024,Analyst: TW

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Analyst: KJ

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### Terpenes

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Analyte	Method Detection	Results	Results	
_	Limit PPM	%	PPM	
Limonene	2.500	0.408	4077.980	
	2.500	0.408	3591.599	
β-Myrcene Linalool	2.500	0.339	2776.799	
	2.500	0.278	1851.552	
β-Caryophyllene	2.500	0.185	714.662	
β-Pinene α-Humulene	2.500	0.071	512.490	
	2.500	0.031	399.894	
α-Pinene				
Carryophyllene Oxide	2.500 2.500	0.018 0.016	181.835	
Camphene			164.271	
α-Bisabolol	2.500	0.014	136.816	
Geraniol	2.500	0.007	69.045	
3-Carene	2.500	0.004	43.725	
cis-Ocimene	2.500	0.004	37.271	
trans-Ocimene	2.500	0.004	35.524	
y-Terpinene · · ·	2.500	0.003	28.574	
Terpinolene	2.500	0.003	27.173	
α-Terpinene	2.500	0.002	17.564	
Eucalyptol	2.500	0.002	17.093	
p-Cymene	2.500	0.002	15.788	
cis-Nerolidol	2.500	ND	ND	
Guaiol	2.500	ND	ND	
Isopulegol	2.500	ND	ND	
trans-Nerolidol	2.500	ND	ND	
Total		1.470	14699.655	

# **Primary Aromas**













Notice of Conformity and Decision Rule: All decisions of "Pass" or "Fail" are determined based upon the limits set forth by the MA Cannabis Control Commission and its regulations. This includes, but is not limited to those defined in 935 CMR 501.000, 935 CMR 500.000, & Protocol for the Sampling and Analysis of Finished Marijuana Products and Marijuana Products  $for Marijuana\ Establishments, Medical\ Marijuana\ Treatment\ Centers, and\ Colocated\ Marijuana\ Operations.\ Assured\ Testing\ Laboratories\ does\ not\ apply\ the\ reported\ calculation$ measurement uncertainty to manufacturer or other sources of tolerance/specifications to determine an instrument's pass or fail status. It is the responsibility of the end user to consider the measurement uncertainty when determining the instrument suitability.

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