



Certificate of Analysis

Pages 1 of 5

FOR COMPLIANCE

PASSED



Batch #: 25.6.1819.35
Production Method: Cured
Total Amount: 3000 units
Retail Product Size: 3.5 gram
Retail Serving Size: 3.5 gram
Servings: 1
Metric Package #: 1A4120300001EF6000000100

Lab ID: AL51212012-002
Sampled Date: 12/12/25
Sample Collection Time: 12:00 PM
Sampling End: 12:15 PM
Sampling Method: SOP.T.20.010.NY
Sample Size: 13 units
Completed: 12/18/25
Revised: 02/10/26

Hudson River Hemp LLC.

361 Shenandoah Road
Hopewell Junction, NY, 12533, US
hudsonriverhemp.com
License #: OCM-AUCC-22-000047



SAFETY RESULTS

MISC.



Pesticide
PASSED



Heavy Metals
PASSED



Microbial
PASSED



Mycotoxins
PASSED



Solvents
NOT TESTED



Filtration/Foreign
Material
PASSED



Water Activity
PASSED



Moisture
Content
PASSED



Terpenes
PASSED



Cannabinoid

PASSED



Total THC
27.6208%
Total THC : 966.7293 mg



Total CBD
<0.1000
Total CBD : 0



Total Cannabinoids
32.0301%
Total Cannabinoids/Container :
1121.0548 mg

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	D8-THC	CBN	D9-THC	THCA	THCV
%	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	0.6652	<0.1000	<0.1000	0.9252	30.4397	<0.1000
mg/unit	<3.5000	<3.5000	<3.5000	<3.5000	<3.5000	<3.5000	<3.5000	23.2825	<3.5000	<3.5000	32.3820	1065.3903	<3.5000
LOQ	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
%	%	%	%	%	%	%	%	%	%	%	%	%	%

Qualifier

Weight:
0.2009g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY
Analyzed Date : 12/16/25 16:56:00

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Erica Troy
Lab Director

State License # OCM-
CPL-2022-00006
ISO 17025 Accreditation #
97164



Signature
12/18/25

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Albany, NY, 12205, US
(833) 465-8378

Kaycha Labs

Papa Smurf 3.5
Strain: Papa Smurf
Matrix: Flower
Classification: Raw Plant Material (Final Form)
Type: Flower - Cured



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Sample: AL51212012-002

Batch #: 25.6.1819.35
Seed to sale: 1A4120300001EF6000000100

Ordered: 12/12/25
Sampled: 12/12/25
Completed: 12/18/25

PASSED



Label Claim Verification

PASSED

ANALYTES

UNIT LOQ

LIMIT

PASS/FAIL

RESULT

QUALIFIER

Weight:

Analysis Method : N/A

Analyzed Date : 12/17/25 09:46:51



Terpenes

PASSED

ANALYTES

LOQ

LIMIT

PASS/FAIL

RESULT (%)

(MG/UNIT) QUALIFIER

TOTAL TERPENES	0.1000	11.5	PASS	2.6000	91.0000
BETA-MYRCENE	0.0040	10	PASS	0.6700	23.4500
BETA-CARYOPHYLLENE	0.0040	10	PASS	0.5300	18.5500
ALPHA-PINENE	0.0040	10	PASS	0.4900	17.1500
BETA-PINENE	0.0040	10	PASS	0.2300	8.0500
ALPHA-HUMULENE	0.0040	10	PASS	0.2000	7.0000
LIMONENE	0.0040	10	PASS	0.1800	6.3000
FARNESENE	0.0400	10	PASS	0.0700	2.4500
LINALOOL	0.0040	10	PASS	0.0700	2.4500
ALPHA-BISABOLOL	0.0040	10	PASS	0.0500	1.7500
GUAIOL	0.0040	10	PASS	0.0300	1.0500
CARYOPHYLLENE OXIDE	0.0040	10	PASS	0.0200	0.7000
ALPHA TERPINEOL	0.0040	10	PASS	0.0100	0.3500
CAMPHENE	0.0040	10	PASS	0.0100	0.3500
FENCHYL ALCOHOL	0.0040	10	PASS	0.0100	0.3500
OCIMENE	0.0040	10	PASS	0.0100	0.3500
TERPINOLENE	0.0040	10	PASS	0.0100	0.3500
VALENCENE	0.0040	10	PASS	0.0100	0.3500
GERANIOL	0.0040	10	PASS	<0.0040	<0.1400
MENTHOL	0.0040	10	PASS	<0.0040	<0.1400
ALPHA-PHELLANDRENE	0.0040	10	PASS	<0.0040	<0.1400
ALPHA-TERPINENE	0.0040	10	PASS	<0.0040	<0.1400

Weight:

0.9708g

Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY

Analyzed Date : 12/18/25 08:41:35



Pesticide

PASSED

ANALYTES

UNIT LOQ

LIMIT

PASS/FAIL

RESULT

QUALIFIER

PRALLETHRIN	ppm	0.1000	0.2	PASS	<0.1000
ACEQUINOCYL	ppm	0.1000	2	PASS	<0.1000
PYRETHRINS, TOTAL	ppm	0.1000	1	PASS	<0.1000
AZADIRACTIN	ppm	0.1000	1	PASS	<0.1000
INDOLE-3-BUTYRIC ACID	ppm	0.1000	1	PASS	<0.1000
MYCLOBUTANIL	ppm	0.1000	0.2	PASS	<0.1000
PIPERONYL BUTOXIDE	ppm	0.1000	2	PASS	<0.1000
ABAMECTIN B1A	ppm	0.1000	0.5	PASS	<0.1000
ACEPHATE	ppm	0.1000	0.4	PASS	<0.1000
ACETAMIPRID	ppm	0.1000	0.2	PASS	<0.1000
ALDICARB	ppm	0.1000	0.4	PASS	<0.1000

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Erica Troy

Lab Director

State License # OCM-
CPL-2022-00006
ISO 17025 Accreditation #
97164

Erica Troy

Signature
12/18/25

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Kaycha Labs
Papa Smurf 3.5
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Matrix: Flower
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Type: Flower - Cured



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Sample: AL51212012-002
Batch #: 25.6.1819.35
Seed to sale: 1A4120300001EF6000000100

Ordered: 12/12/25
Sampled: 12/12/25
Completed: 12/18/25

PASSED



Pesticide

PASSED

ANALYTES

UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	1	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	1	PASS	<0.1000	
ppm	0.1000	1	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	0.4	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	1	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	1	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	1	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	0.4	PASS	<0.1000	
ppm	0.1000	0.4	PASS	<0.1000	
ppm	0.1000	1	PASS	<0.1000	
ppm	0.1000	0.4	PASS	<0.1000	
ppm	0.1000	1	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	0.4	PASS	<0.1000	
ppm	0.1000	0.4	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	0.4	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	0.4	PASS	<0.1000	
ppm	0.1000	1	PASS	<0.1000	
ppm	0.1000	0.5	PASS	<0.1000	
ppm	0.1000	1	PASS	<0.1000	
ppm	0.1000	0.4	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	1	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	0.4	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	0.2	PASS	<0.1000	
ppm	0.1000	1	PASS	<0.1000	
ppm	0.1000	1	PASS	<0.1000	

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Batch #: 25.6.1819.35
Seed to sale: 1A4120300001EF6000000100

Ordered: 12/12/25
Sampled: 12/12/25
Completed: 12/18/25

PASSED



Pesticide

PASSED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
CHLORFENAPYR	ppm	0.1000	1	PASS	<0.1000	
CYFLUTHRIN	ppm	0.1000	1	PASS	<0.1000	
CYPERMETHRIN	ppm	0.1000	1	PASS	<0.1000	
METHYL PARATHION	ppm	0.1000	0.2	PASS	<0.1000	
MGK-264	ppm	0.1000	0.2	PASS	<0.1000	
PENTACHLORONITROBENZENE	ppm	0.1000	1	PASS	<0.1000	

Weight:
0.9583g

Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY
Analyzed Date : 12/17/25 09:54:59

Weight:
0.9583g

Analysis Method : SOP.T.40.154.NY
Analyzed Date : 12/17/25 14:57:30



Microbial

PASSED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AEROBIC BACTERIA	CFU/g	100		TESTED	100	
TOTAL YEAST AND MOLD	CFU/g	100		TESTED	300	
ESCHERICHIA COLI/SHIGELLA SPP.			Not Present	PASS	Not Present	
SALMONELLA SPECIES			Not Present	PASS	Not Present	
ASPERGILLUS TERREUS			Not Present	PASS	Not Present	
ASPERGILLUS NIGER			Not Present	PASS	Not Present	
ASPERGILLUS FLAVUS			Not Present	PASS	Not Present	
ASPERGILLUS FUMIGATUS			Not Present	PASS	Not Present	

Weight:
0.85g

Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.056C, SOP.T.40.209.NY
Analyzed Date : 12/16/25 15:01:13



Mycotoxins

PASSED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AFLATOXINS (B1, B2, G1, G2)	ppm	0.0100	0.02	PASS	<0.0100	
AFLATOXIN G2	ppm	0.0100	0.02	PASS	<0.0100	
AFLATOXIN G1	ppm	0.0100	0.02	PASS	<0.0100	
AFLATOXIN B2	ppm	0.0100	0.02	PASS	<0.0100	
AFLATOXIN B1	ppm	0.0100	0.02	PASS	<0.0100	
OCHRATOXIN A+	ppm	0.0100	0.02	PASS	<0.0100	

Weight:
0.9583g

Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY
Analyzed Date : 12/17/25 09:49:56

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PASSED



Water Activity

PASSED

ANALYTES

WATER ACTIVITY

UNIT **LOQ**
aw 0.10

LIMIT
0.65

PASS/FAIL
PASS

RESULT
0.39

QUALIFIER

Weight:
0.4467g

Analysis Method : SOP.T.40.019
Analyzed Date : 12/16/25 14:31:11



Moisture Content

PASSED

ANALYTES

MOISTURE CONTENT

UNIT **LOQ**
% 1.0

LIMIT
15

PASS/FAIL
PASS

RESULT
8.2

QUALIFIER

Weight:
0.913g

Analysis Method : SOP.T.40.021
Analyzed Date : 12/15/25 18:26:41



Heavy Metals

PASSED

ANALYTES

ANTIMONY
ARSENIC
CADMIUM
CHROMIUM
COPPER
LEAD
MERCURY
NICKEL

UNIT **LOQ**
ug/g 0.1000
ug/g 0.1000
ug/g 0.1000
ug/g 1.0000
ug/g 1.0000
ug/g 0.1000
ug/g 0.0100
ug/g 0.1000

LIMIT
2
0.2
0.2
110
30
0.5
0.1
5

PASS/FAIL
PASS
PASS
PASS
PASS
PASS
PASS
PASS
PASS

RESULT
<0.1000
<0.1000
0.1278
<1.0000
18.5832
0.2555
<0.0100
1.2388

QUALIFIER

Weight:
0.5597g

Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY
Analyzed Date : 12/17/25 14:52:18



Filtration/Foreign Material

PASSED

ANALYTES

FOREIGN MATTER
MAMMALIAN EXCRETA
STEMS (>3MM)

UNIT **LOQ**
% 0.10
mg 0.10
% 1.00

LIMIT
2
1
5

PASS/FAIL
PASS
PASS
PASS

RESULT
ND
ND
ND

QUALIFIER

Weight:
14.8863g

Analysis Method : SOP.T.40.090
Analyzed Date : 12/13/25 08:43:02

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