

Certificate of Analysis

Sample ID

Strain

SA-031021-6441

Helen Beck B

Sample Type

Flower

Sample Batch #

Hv10R2

esult mg/g
sult mg/g -
-
-
-
-
1.20711
1.53381
0.692151
4.60696
-
307.576
-
7.4351%
274.351
֡

	Microbiologi
Pass	All Results
Pass	All Results

Mycotoxin Sci	reening
All Results	NT

Residual Sol	vents
All Results	NT

Heavy Metals	Screening
All Results	Pass

Pesticide S	creening
All Results	Pass

Water	Activity
All Results	Pass

Terpene Pro	ofile
<u>Terpene</u>	Result %
Camphene	-
Myrcene	0.412854
β-pinene	0.333894
3-Carene	-
Delta-limonene	0.190812
Cymene	-
β-Ocimene	
Eucalyptol	
γ-Terpinene	
a-Terpinene	-
Terpinolene	
Linalool	0.332122
Isopulegol	-
Geraniol	-
β-Caryophyllene	0.283062
Humulene	-
Nerolidol	0.119936
Guaiol	0.175087
Caryophillene oxide	-
α-Bisabolol	
Total Terpene %	1.84777

The product represented has been tested by GTL using advanced analytical instrumentation with proven and validated scientific methodologies. GTL makes no claims as to the efficacy and/or safety of the product represented herein. This Certificate of Analysis may not be reproduced except in full, without the express written consent of Genesis Testing Laboratories. Some tests may be sub-contracted to partner labs as indicated in the Certificate of Analysis; subcontract labs are fully OMMA compliant and licensed by the State of Oklahoma. This Certificate of Analysis expires one year from Issue Date.



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Hv10R2

Potency

Date Analyzed:

Instrument: Agilent 1100 HPLC

Date Completed: 03/18/2021

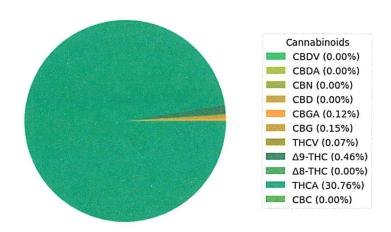
Method: Internal Method 1

Batch #: BA-031821-973

Lab Tech: Audrey Krabacher

Cannabinoid	Result %	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
CBDV	ND	ND	-	1.000
CBDA	ND	ND	2	1.000
CBN	ND	ND		1.000
CBD	ND	ND	<u>-</u>	1.000
CBGA	0.1207	1.2071	-	1.000
CBG	0.1534	1.5338	• • • • • • • • • • • • • • • • • • •	1.000
THCV	0.0692	0.6922	-	1.000
Δ9-THC	0.4607	4.6070		1.000
Δ8-ΤΗС	ND	ND		1.000
THCA	30.7576	307.576		1.000
CBC	ND	ND	-	0.885
% Moisture Total Cannabinoids Total CBD Total THC	9.9 31.5616 ND 27.4351	315.616 ND 274.351		

Cannabinoid Distribution (%)



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Sample Batch #

Hv10R2

Terpenoid

Date Analyzed: Instrument: Terpenes by Direct Injection

Date Completed: 03/18/2021 **Method:** Internal Method 1

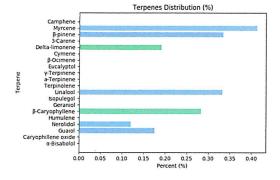
Batch #: BA-031521-968 Lab Tech: John Boyle

Terpene	Result (mg/g)	Result (%)	LOD (ug/g)	LOQ (ug/g)
Camphene	ND	ND	_(0.000004600
Myrcene	4.1285	0.4129	-	0.000004600
β-pinene	3.3389	0.3339	-	0.000004600
3-Carene	ND	ND		0.000004600
Delta-limonene	1.9081	0.1908	-	0.000004600
Cymene	ND	ND	-	0.000004600
3-Ocimene	ND	ND	-	0.000004600
Eucalyptol	ND	ND	-	0.000004600
γ-Terpinene	ND	ND	-	0.000004600
a-Terpinene	ND	ND		0.000004600
Terpinolene	ND	ND	-	0.000004600
_inalool	3.3212	0.3321		0.000004600
sopulegol	ND.	ND	-	0.000004600
Geraniol	ND	ND		0.000004600
3-Caryophyllene	2.8306	0.2831	-	0.000004600
Humulene	ND	ND		0.000004600
Nerolidol	1.1994	0.1199	5	0.000004600
Guaiol	1.7509	0.1751		0.000004600
Caryophillene oxide	ND	ND	-	0.000004600
α-Bisabolol	ND	ND		0.000004600
otal Terpenes (%):	18 4777	1 8478		

Total Terpenes (%):

18.4777

1.8478



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Hv10R2

Foreign Materials

PASS

Date Analyzed:

Date Completed: 03/18/2021

Instrument: Microscope

Method: Internal Method 1

Lab Tech: Audrey Krabacher

Analyte	Result (%)	Threshold (%)	Pass/Fail
Sand, Soils, Cinders, and Dirt	ND	25	Pass
Imbedded Foreign Material	ND	25	Pass
Insect Fragment	ND	1	Pass
Hair	ND	1	Pass
Mammalian Excreta	ND	1	Pass

Heavy Metals PASS

Date Analyzed:

Instrument: HPLC-ICP/MS QQQ (Agilent 1260 and 7900)

Date Completed: 03/18/2021

Method: Internal Method 1 La

Lab Tech: John Boyle

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Threshold (ppm)	Pass/Fail
Cadmium	ND	0.50	-	0.4	Pass
Lead	ND	0.50	-	1.0	Pass
Arsenic	ND	0.50	-	0.4	Pass
Mercury	ND	0.50		0.2	Pass

Microbial Analysis

PASS

Date Analyzed:

Instrument: Binder Incubator and Hardy Wizard Reader

Date Completed: 03/18/2021

Method: Hardy Compact Dry

Lab Tech: Ethanie Gillum

Bacteria/Fungus	Result (CFU/g)	LOD (CFU/g)	LOQ (CFU/g)	Threshold (CFU/g)	Pass/Fail
Escherichia Coli (E. Coli)	ND	1.00	1.00	1	Pass
Yeast/Mold	ND	1.00	1.00	10,000	Pass
Salmonella spp	ND	1.00	1.00	1	Pass
Aspergillus fumigatus	ND	1.00		1	Pass
Aspergillus terreus	ND	1.00		1	Pass
Aspergillus flavus	ND	1.00		1	Pass
Total Plate Count	ND	10000.0		10000	Pass

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Certificate of Analysis

Genesis Testing Labs 1620 South Main St, Unit A Grove, OK 74344 (918)791-3460 OMMA # LAAA-EKZ6-UNEB

Sample ID

SA-031021-6441

Sample Type

Flower

Strain

Helen Beck B

Sample Batch #

Hv10R2

Pesticide Profile

PASS

Date Analyzed:

Instrument: Agilent LC/MS QQQ

Date Completed: 03/18/2021

Method: Internal Method 1

Lab Tech: John Boyle

Pesticide	Result (ppm)	LOQ (ppm)	Threshold (ppm)	Pass/Fail
Abamectin	ND	0.1	0.5	Pass
Azoxystrobin	ND	0.1	0.2	Pass
Bifenazate	ND	0.1	0.2	Pass
Etoxazole	ND	0.1	0.2	Pass
Imazalil	ND	0.1	0.2	Pass
Imidacloprid	ND	0.1	0.4	Pass
Malathion	ND	0.1	0.2	Pass
Myclobutanil	ND	0.1	0.2	Pass
Permethrin	ND	0.1	0.2	Pass
Spinosad	ND	0.1	0.2	Pass
Spiromesifen	ND	0.1	0.2	Pass
Spirotetramat	ND	0.1	0.2	Pass
Tebuconazole	ND	0.1	0.4	Pass

Water Activity PASS

Date Analyzed:

Instrument: Meter TDL Water Activity

Anthony Brixey

Date Completed: 03/18/2021

Method: Meter Method 001

Lab Tech: Audrey Krabacher

Analyte	Finding	Limit	Status
Water Activity	0.548	0.65	Tested

Reviewed By: Anthony Brixey 03/18/2021

Approved By: James Rhudy 03/18/2021