



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

Certificate of Analysis

Client Name	Lettuce Head Labs LLC	License Number	PAAA-4KSL-N4QY
Address	19303 S 145th E Ave Bixby, OK 74008	Phone	918-946-3135
Sample ID	SA-021821-5864	Sample Type	Concentrate
Strain	Rosetta Stone Budder	Sample Batch #	LHL-RoSt-LRB-020121

Summary of Results			
Potency Profile		Terpene Profile	
Cannabinoid	Result mg/g	Terpene	Result %
CBDV	-	Camphene	-
CBDA	2.00195	Myrcene	0.487238
CBN	-	β-pinene	0.215035
CBD	-	3-Carene	0.0291958
CBGA	28.0664	Delta-limonene	0.743007
CBG	-	Cymene	-
THCV	7.62695	β-Ocimene	0.312937
Δ9-THC	71.084	Eucalyptol	-
Δ8-THC	-	γ-Terpinene	-
THCA	975.723	α-Terpinene	0.018007
CBC	-	Terpinolene	1.81888
Total THC %	92.6793%	Linalool	0.123427
Total THC mg/g	926.793	Isopulegol	0.301923
Microbiological Profile		Geraniol	-
All Results	Pass	β-Caryophyllene	2.2243
Mycotoxin Screening		Humulene	0.736189
All Results	Pass	Nerolidol	0.253497
Residual Solvents		Guaiol	0.0916084
All Results	Pass	Caryophyllene oxide	0.184965
Heavy Metals Screening		α-Bisabolol	0.146154
All Results	Pass	Total Terpene %	7.68636
Pesticide Screening			
All Results	Pass		
Water Activity			
All Results	NT		

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.



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

Certificate of Analysis

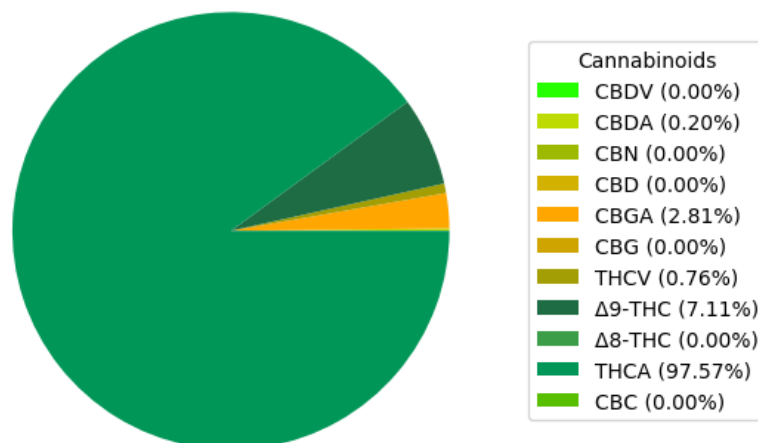
Client Name	Lettuce Head Labs LLC	License Number	PAAA-4KSL-N4QY
Address	19303 S 145th E Ave Bixby, OK 74008	Phone	918-946-3135
Sample ID	SA-021821-5864	Sample Type	Concentrate
Strain	Rosetta Stone Budder	Sample Batch #	LHL-RoSt-LRB-020121

Potency

Date Analyzed:	Date Completed: 03/02/2021	Batch #: BA-030221-917
Instrument: Agilent 1100 HPLC	Method: Internal Method 1	Lab Tech: Audrey Krabacher

Cannabinoid	Result %	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
CBDV	ND	ND	-	1.000
CBDA	0.2002	2.0019	-	1.000
CBN	ND	ND	-	1.000
CBD	ND	ND	-	1.000
CBGA	2.8066	28.0664	-	1.000
CBG	ND	ND	-	1.000
THCV	0.7627	7.6269	-	1.000
Δ9-THC	7.1084	71.084	-	1.000
Δ8-THC	ND	ND	-	1.000
THCA	97.5723	975.723	-	1.000
CBC	ND	ND	-	0.885
% Moisture	NT			
Total Cannabinoids	108.45	1084.5		
Total CBD	0.1756	1.7557		
Total THC	92.6793	926.793		

Cannabinoid Distribution (%)



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.



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

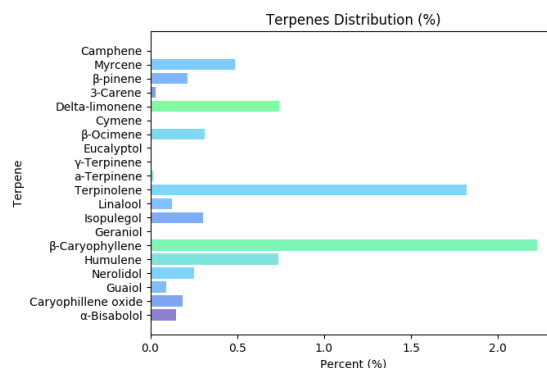
Certificate of Analysis

Client Name	Lettuce Head Labs LLC	License Number	PAAA-4KSL-N4QY
Address	19303 S 145th E Ave Bixby, OK 74008	Phone	918-946-3135
Sample ID	SA-021821-5864	Sample Type	Concentrate
Strain	Rosetta Stone Budder	Sample Batch #	LHL-RoSt-LRB-020121

Terpenoid

Date Analyzed:	Date Completed: 03/02/2021	Batch #: BA-030121-911
Instrument: Terpenes by Direct Injection	Method: Internal Method 1	Lab Tech: John Boyle

Terpene	Result (mg/g)	Result (%)	LOD (ug/g)	LOQ (ug/g)
Camphene	ND	ND	-	0.000004600
Myrcene	4.8724	0.4872	-	0.000004600
β-pinene	2.1503	0.2150	-	0.000004600
3-Carene	0.2920	0.0292	-	0.000004600
Delta-limonene	7.4301	0.7430	-	0.000004600
Cymene	ND	ND	-	0.000004600
β-Ocimene	3.1294	0.3129	-	0.000004600
Eucalyptol	ND	ND	-	0.000004600
γ-Terpinene	ND	ND	-	0.000004600
α-Terpinene	0.1801	0.0180	-	0.000004600
Terpinolene	18.1888	1.8189	-	0.000004600
Linalool	1.2343	0.1234	-	0.000004600
Isopulegol	3.0192	0.3019	-	0.000004600
Geraniol	ND	ND	-	0.000004600
β-Caryophyllene	22.243	2.2243	-	0.000004600
Humulene	7.3619	0.7362	-	0.000004600
Nerolidol	2.5350	0.2535	-	0.000004600
Guaiol	0.9161	0.0916	-	0.000004600
Caryophyllene oxide	1.8497	0.1850	-	0.000004600
α-Bisabolol	1.4615	0.1462	-	0.000004600
Total Terpenes (%):	76.8636	7.6864		



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.



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

Certificate of Analysis

Client Name Lettuce Head Labs LLC
Address 19303 S 145th E Ave
Bixby, OK 74008
Sample ID SA-021821-5864
Strain Rosetta Stone Budder
License Number PAAA-4KSL-N4QY
Phone 918-946-3135
Sample Type Concentrate
Sample Batch # LHL-RoSt-LRB-020121

Foreign Materials

PASS

Date Analyzed: **Date Completed:** 03/02/2021
Instrument: Microscope **Method:** Internal Method 1 **Lab Tech:** Ethanie Gillum

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

Heavy Metals

PASS

Date Analyzed: **Date Completed:** 03/02/2021
Instrument: HPLC-ICP/MS QQQ (Agilent 1260 and 7900) **Method:** Internal Method 1 **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: **Date Completed:** 03/02/2021
Instrument: Binder Incubator and Hardy Wizard Reader **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	10000.00	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

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.



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

Certificate of Analysis

Client Name	Lettuce Head Labs LLC	License Number	PAAA-4KSL-N4QY
Address	19303 S 145th E Ave Bixby, OK 74008	Phone	918-946-3135
Sample ID	SA-021821-5864	Sample Type	Concentrate
Strain	Rosetta Stone Budder	Sample Batch #	LHL-RoSt-LRB-020121

Mycotoxins

PASS

Date Analyzed: **Date Completed:** 03/02/2021
Instrument: Mycotoxin Fluorometer **Method:** Internal Method 1 **Lab Tech:** Ethanie Gillum

Mycotoxin	Result (ppb)	LOD (ppb)	LOQ (ppb)	Threshold (ppb)	Pass/Fail
Aflatoxin B1	ND	2.00	2.00		
A. B2	ND	2.00	2.00	20	Pass
A. G1	ND	2.00	2.00		
A. G2	ND	2.00	2.00		
Ochratoxin A	2.6	3.00	3.00	20	Pass

Pesticide Profile

PASS

Date Analyzed: **Date Completed:** 03/02/2021
Instrument: Agilent LC/MS QQQ **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



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

Certificate of Analysis

Client Name Lettuce Head Labs LLC
Address 19303 S 145th E Ave
 Bixby, OK 74008
Sample ID SA-021821-5864
Strain Rosetta Stone Budder
License Number PAAA-4KSL-N4QY
Phone 918-946-3135
Sample Type Concentrate
Sample Batch # LHL-RoSt-LRB-020121

Residual Solvents

PASS

Date Analyzed: **Date Completed:** 03/02/2021
Instrument: Agilent GC/MS w/Headspace Autosampler **Method:** Internal Method 1 **Lab Tech:** Audrey Krabacher

Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Threshold (ppm)	Pass/Fail
Isopropyl alcohol	ND	-	0.000081000	1000	Pass
Acetone	ND	-	0.000081000	1000	Pass
Benzene	ND	-	0.000081000	2	Pass
Butane	ND	-	0.000081000	1000	Pass
Heptane	ND	-	0.000081000	1000	Pass
n-Hexane	ND	-	0.000081000	60	Pass
n-Pentane	ND	-	0.000081000	1000	Pass
Propane	ND	-	0.000081000	1000	Pass
Toluene	ND	-	0.000081000	180	Pass
Total xylenes (m, p, o-xylenes)	ND	-	0.000081000	430	Pass

Anthony Brixey

James Rhudy

Reviewed By: Anthony Brixey
 03/02/2021

Approved By: James Rhudy
 03/02/2021