



Blue Zushi

Sample ID:1909 Strain: Blue

Zushi

Matrix: Plant

Type: Flower - Cured

Sample Size: ; Batch:

Client

Legacy Hemp Group

Summary

Test

Batch

Cannabinoids

Heavy Metals

Microbials

Mycotoxins

GCMS Pesticides

LCMS Pesticides

Date Tested

Result

Pass

Complete

Pass

Pass

Pass

Pass

Pass

Cannabinoids

Complete

16.361%

Total THC

0.641%

Total CBD

19.111%

Total Cannabinoids

Analyte	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
CBC	0.009	0.025	ND	ND
CBD	0.025	0.050	0.6411	6.411
CBDa	0.019	0.050	ND	ND
CBG	0.025	0.050	2.1085	21.085
CBN	0.009	0.025	ND	ND
Δ 8-THC	0.019	0.050	ND	ND
Δ 9-THC	0.019	0.050	0.2140	2.140
THCa	0.013	0.025	18.4120	184.120
THCV	0.025	0.050	ND	ND
Total THC			16.361	163.613
Total CBD			0.641	6.411
Total CBG			2.108	21.085
Total			19.111	191.109

Date Tested:

Total THC = THCa * 0.877 + Δ 9-THC + Δ 8-THC; Total CBD = CBDa * 0.877 + CBD; Total CBG = CBGa * 0.877 + CBG.

Total Cannabinoids = Total THC + Total CBD + Total CBG + minor cannabinoids.

Cannabinoids: HPLC, SOP-004

Water Activity: Water Activity Meter, SOP-012

Moisture Content: Moisture Analyzer, SOP-011

Foreign Matter: Visual Inspection, SOP-001



Accreditation #128081

ISO/IEC 17025:2017

Scott A. Robertson

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Lab Director
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Blue Zushi

GC Pesticides

Pass

Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g	
Captan	0.054	0.097	0.7	ND	Pass
Chlordane (trans + cis)	0.058	0.098	0.058	ND	Pass
Chlorfenapyr	0.056	0.097	0.056	ND	Pass
Cyfluthrin	0.052	0.097	2	ND	Pass
Cypermethrin	0.054	0.097	1	ND	Pass
Parathion Methyl	0.039	0.097	0.039	ND	Pass
Pentachloronitrobenzene (Quintozene)	0.062	0.097	0.1	ND	Pass

Mycotoxins

Pass

Analytes	LOD	LOQ	Limit	Conc.	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	4.0000	5.0000		ND	Tested
Aflatoxin B2	4.0000	5.0000		ND	Tested
Aflatoxin G1	4.0000	5.0000		ND	Tested
Aflatoxin G2	4.0000	5.0000		ND	Tested
Ochratoxin A	10.0000	16.0000	20	ND	Pass
Total Aflatoxins			20	ND	Pass

Microbials

Pass

Analyte	Limit	Detected / Not Detected	Status
	RFU/g	RFU/g	
Aspergillus flavus	0	Not Detected	Pass
Aspergillus fumigatus	0	Not Detected	Pass
Aspergillus niger	0	Not Detected	Pass
Aspergillus terreus	0	Not Detected	Pass
Shiga toxin-producing E. Coli	0	Not Detected	Pass
Salmonella SPP	0	Not Detected	Pass
Yeast & Mold	0	Not Detected	Pass

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Conc.	Status
	PPM	PPM	PPM	PPM	
Arsenic	0.0150	0.05	0.2	ND	Pass
Cadmium	0.0113	0.05	0.2	ND	Pass
Lead	0.00615	0.05	0.5	ND	Pass
Mercury	0.00126	0.005	0.1	ND	Pass

GCMS Date Tested:

Pesticides: GC-MS/MS, GCMS Method SOP-006

LCMS Date Tested:

Mycotoxins Footnote: Mycotoxins: LC-MS/MS, LCMS Method LCP-SOP-001

Microbial Date Tested:

Microbials Footnote: Microbial: SOP-010

RFU = Relative Fluorescence Units

Heavy Metals Date Tested:

Heavy Metals: Heavy Metals: ICP-MS, SOP-007



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Blue Zushi

Client

LC Pesticides

Pass

Analyte	LOD	LOQ	Limit	Result	Status	Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.043	0.097	0.1	ND	Pass	Imazalil	0.029	0.097	0.029	ND	Pass
Acephate	0.019	0.097	0.1	ND	Pass	Imidacloprid	0.021	0.097	5	ND	Pass
Acequinocyl	0.031	0.097	0.1	ND	Pass	Kresoxim Methyl	0.045	0.097	0.1	ND	Pass
Acetamiprid	0.023	0.097	0.1	ND	Pass	Malathion	0.027	0.097	0.5	ND	Pass
Aldicarb	0.029	0.097	0.029	ND	Pass	Metalaxyl	0.029	0.097	2	ND	Pass
Azoxystrobin	0.025	0.097	0.1	ND	Pass	Methiocarb	0.029	0.097	0.029	ND	Pass
Bifenazate	0.031	0.097	0.1	ND	Pass	Methomyl	0.029	0.097	1	ND	Pass
Bifenthrin	0.033	0.097	3	ND	Pass	Mevinphos	0.033	0.1	0.033	ND	Pass
Boscalid	0.021	0.097	0.1	ND	Pass	Myclobutanil	0.047	0.097	0.1	ND	Pass
Carbaryl	0.025	0.097	0.5	ND	Pass	Naled	0.033	0.097	0.1	ND	Pass
Carbofuran	0.033	0.097	0.033	ND	Pass	Oxamyl	0.021	0.097	0.5	ND	Pass
Chlorantraniliprole	0.025	0.097	10	ND	Pass	Paclobutrazol	0.027	0.097	0.027	ND	Pass
Chlorpyrifos	0.019	0.097	0.019	ND	Pass	Permethrin (trans + cis)	0.033	0.1	0.5	ND	Pass
Clofentezine	0.035	0.097	0.1	ND	Pass	Phosmet	0.051	0.097	0.1	ND	Pass
Coumaphos	0.039	0.097	0.039	ND	Pass	Piperonyl Butoxide	0.037	0.097	3	ND	Pass
Daminozide	0.019	0.097	0.019	ND	Pass	Prallethrin	0.047	0.097	0.1	ND	Pass
Diazinon	0.031	0.097	0.1	ND	Pass	Propiconazole	0.023	0.097	0.1	ND	Pass
Dichlorvos	0.06	0.097	0.06	ND	Pass	Propoxur	0.027	0.097	0.027	ND	Pass
Dimethoate	0.027	0.097	0.027	ND	Pass	Pyrethrins (Cinerin + Jasmolin + Pyrethrin)	0.0133	0.04	0.5	ND	Pass
Dimethomorph (I + II)	0.033	0.1	2	ND	Pass	Pyridaben	0.033	0.1	0.1	ND	Pass
Ethoprophos	0.023	0.097	0.023	ND	Pass	Spinetoram (J + L)	0.033	0.1	0.1	ND	Pass
Etofenprox	0.041	0.097	0.041	ND	Pass	Spinosyn (A + D)	0.033	0.1	0.1	ND	Pass
Etoxazole	0.027	0.097	0.1	ND	Pass	Spiromesifen	0.047	0.097	0.1	ND	Pass
Fenhexamid	0.031	0.097	0.1	ND	Pass	Spirotetramat	0.019	0.097	0.1	ND	Pass
Fenoxycarb	0.041	0.097	0.041	ND	Pass	Spiroxamine	0.025	0.097	0.025	ND	Pass
Fenpyroximate	0.023	0.097	0.1	ND	Pass	Tebuconazole	0.027	0.097	0.1	ND	Pass
Fipronil	0.037	0.097	0.037	ND	Pass	Thiacloprid	0.033	0.097	0.033	ND	Pass
Flonicamid	0.039	0.097	0.1	ND	Pass	Thiamethoxam	0.027	0.097	5	ND	Pass
Fludioxonil	0.029	0.097	0.1	ND	Pass	Trifloxystrobin	0.037	0.097	0.1	ND	Pass
Hexythiazox	0.043	0.097	0.1	ND	Pass						

LCMS Date Tested:
Pesticides: LC-MS/MS. LCMS Method SOP-005



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