



Excelbis Labs
1920 E Warner Avenue
Santa Ana, CA 92705

(714) 987-2095
<http://excelbislabs.com>
Lic#

QA Testing

1 of 4

Russian Runtz

Sample ID: 2510EXL5410.23123

Strain: Russian Runtz

Matrix: Plant

Type: Flower - Cured

Sample Size: ; Batch:

Produced:

Collected:

Received:

Completed: 10/04/2025

Batch#: 1

Client

LIBCO

Lic. #

3864 S Main Street

Santa Ana, CA 92707



Summary

Test

Date Tested

Result

Batch

Pass

Cannabinoids

Complete

Heavy Metals

Pass

Microbials

Pass

Mycotoxins

Pass

GCMS Pesticides

Pass

LCMS Pesticides

Pass

Residual Solvents

Pass

Cannabinoids

Complete

0.1859%

Δ9-THC

9.1940%

THCa

15.382%

Total Cannabinoids

Analyte	LOQ	LOD	Result	Result
	%	%	mg/g	%
CBC	0.0025	0.0009	ND	ND
CBD	0.0050	0.0025	5.480	0.5480
CBDa	0.0050	0.0019	ND	ND
CBG	0.0050	0.0025	33.958	3.3958
CBN	0.0025	0.0009	ND	ND
Δ8-THC	0.0050	0.0019	ND	ND
Δ9-THC	0.0050	0.0019	1.859	0.1859
HHC	0.0780	0.0257	ND	ND
THCa	0.0025	0.0013	91.940	9.1940
THCp	0.0780	0.0257	31.890	3.1890
THCV	0.0050	0.0025	ND	ND
Total THC			82.491	8.249
Total CBD			5.480	0.548
Total CBG			33.958	3.396
Total			153.819	15.382

Date Tested:

Total Δ9-THC = THCa * 0.877 + Δ9-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

Scott Robertson
Lab Director
10/04/2025

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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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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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Residual Solvents

Pass

Analyte	LOD	LOQ	Limit	Conc.	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	15.4688	46.875	5000	NR	NT
Acetonitrile	15.4688	46.875	410	NR	NT
Benzene	0.1547	0.4688	1	NR	NT
Butane	15.4688	46.875	5000	NR	NT
Chloroform	0.1547	0.4688	1	NR	NT
1, 2-Dichloroethane	0.1547	0.4688	1	NR	NT
Ethanol	15.4688	46.875	5000	NR	NT
Ethyl Acetate	15.4688	46.875	5000	NR	NT
Ethyl Ether	15.4688	46.875	5000	NR	NT
Ethylene Oxide	0.1547	0.4688	1	NR	NT
Heptane	15.4688	46.875	5000	NR	NT
Hexane	15.4688	46.875	290	NR	NT
Isopropyl Alcohol	15.4688	46.875	5000	NR	NT
Methanol	15.4688	46.875	3000	NR	NT
Methylene Chloride	0.1547	0.4688	1	NR	NT
Pentane	15.4688	46.875	5000	NR	NT
Propane	15.4688	46.875	5000	NR	NT
Toluene	15.4688	46.875	890	NR	NT
Total Xylenes (o, m, p)	46.4063	140.625	2170	ND	Pass
Trichloroethylene	0.1547	0.4688	1	NR	NT

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Date Tested:

Residual Solvents: HS-GC-MS RS Method SOP-009



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