



Excelbis Labs  
1920 E Warner Avenue  
Santa Ana, CA 92705

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

QA Testing

1 of 4

## Nerd Clusters

Sample ID: 2510EXL5410.23118

Strain: Nerd Clusters

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

**0.1890%**

**Δ9-THC**

**11.4401%**

**THCa**

**15.923%**

**Total Cannabinoids**

Analyte	LOQ	LOD	Result	Result
	%	%	mg/g	%
CBC	0.0025	0.0009	ND	ND
CBD	0.0050	0.0025	7.484	0.7484
CBDa	0.0050	0.0019	ND	ND
CBG	0.0050	0.0025	31.509	3.1509
CBN	0.0025	0.0009	0.459	0.0459
Δ8-THC	0.0050	0.0019	ND	ND
Δ9-THC	0.0050	0.0019	1.890	0.1890
HHC	0.0780	0.0257	ND	ND
THCa	0.0025	0.0013	114.401	11.4401
THCp	0.0780	0.0257	17.560	1.7560
THCV	0.0050	0.0025	ND	ND
Total THC			102.220	10.222
Total CBD			7.484	0.748
Total CBG			31.509	3.151
Total			159.232	15.923

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

Confident LIMS  
All Rights Reserved  
[coa.support@confidentlims.com](mailto:coa.support@confidentlims.com)  
(866) 506-5866  
[www.confidentlims.com](http://www.confidentlims.com)



ND = Not Detected, NR = Not Reported, LOD = Limit of Detection, LOQ = Limit of Quantitation. This product has been tested by Excelbis Labs LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730, pursuant to 16 CCR section 5726(e)(13). Values reported relate only to the product tested. Excelbis Labs LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Excelbis Labs LLC. This Certificate of Analysis is limited to the sample tested in a batch. This Certificate does not make any representation or warranty for all Products within the tested Batch.



Excelbis Labs  
1920 E Warner Avenue  
Santa Ana, CA 92705

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

QA Testing

2 of 4

## Nerd Clusters

Sample ID: 2510EXL5410.23118

Strain: Nerd Clusters

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

## 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



Accreditation #128081

ISO/IEC 17025:2017

*Scott A. Robertson*

Scott Robertson  
Lab Director  
10/04/2025

Confident LIMS  
All Rights Reserved  
coa.support@confidentlims.com  
(866) 506-5866  
www.confidentlims.com



ND = Not Detected, NR = Not Reported, LOD = Limit of Detection, LOQ = Limit of Quantitation. This product has been tested by Excelbis Labs LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730, pursuant to 16 CCR section 5726(e)(13). Values reported relate only to the product tested. Excelbis Labs LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Excelbis Labs LLC. This Certificate of Analysis is limited to the sample tested in a batch. This Certificate does not make any representation or warranty for all Products within the tested Batch.



Excelbis Labs  
1920 E Warner Avenue  
Santa Ana, CA 92705

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

QA Testing

3 of 4

## Nerd Clusters

Sample ID: 2510EXL5410.23118

Strain: Nerd Clusters

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

## 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



Accreditation #128081  
ISO/IEC 17025:2017

*Scott A. Robertson*

Scott Robertson  
Lab Director  
10/04/2025

Confident LIMS  
All Rights Reserved  
coa.support@confidentlims.com  
(866) 506-5866  
www.confidentlims.com



ND = Not Detected, NR = Not Reported, LOD = Limit of Detection, LOQ = Limit of Quantitation. This product has been tested by Excelbis Labs LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730, pursuant to 16 CCR section 5726(e)(13). Values reported relate only to the product tested. Excelbis Labs LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Excelbis Labs LLC. This Certificate of Analysis is limited to the sample tested in a batch. This Certificate does not make any representation or warranty for all Products within the tested Batch.



Excelbis Labs  
1920 E Warner Avenue  
Santa Ana, CA 92705

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

QA Testing

4 of 4

## Nerd Clusters

Sample ID: 2510EXL5410.23118

Strain: Nerd Clusters

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

## 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

EXCELBIS  
LABS

Date Tested:

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



Accreditation #128081

ISO/IEC 17025:2017

*Scott A. Robertson*

Scott Robertson  
Lab Director  
10/04/2025

Confident LIMS  
All Rights Reserved  
[coa.support@confidentlims.com](mailto:coa.support@confidentlims.com)  
(866) 506-5866  
[www.confidentlims.com](http://www.confidentlims.com)



ND = Not Detected, NR = Not Reported, LOD = Limit of Detection, LOQ = Limit of Quantitation. This product has been tested by Excelbis Labs LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730, pursuant to 16 CCR section 5726(e)(13). Values reported relate only to the product tested. Excelbis Labs LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Excelbis Labs LLC. This Certificate of Analysis is limited to the sample tested in a batch. This Certificate does not make any representation or warranty for all Products within the tested Batch.