## REGULATORY COMPLIANCE TESTING



BELCOSTA LABS // 1131 E. SOUTH STREET LONG BEACH CA 90805 // PH: (562) 676-4206

CA LICENSE #: C8-0000008-LIC

## **CERTIFICATE OF ANALYSIS**

PRODUCED: APR 29, 2024

SAMPLE: PEANUT BUTTER BREATH (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS NON-INFUSED PRE ROLLS



BATCH NO.: GHFPBB0418MPNEW

METRC UID: 1A406030003DC49000112814

MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-240425-038
COLLECTED ON: APR 25, 2024
RECEIVED ON: APR 25, 2024

BATCH/SAMPLE SIZE: 400 UNITS / 5 UNITS

PACKAGE SIZE: 3.5 G

CANNABINOID OVERVIEW	
TOTAL THC:	23.68352 %
TOTAL CBD:	0.06954 %
TOTAL CANNABINOIDS††:	23.90289 %
SUM OF CANNABINOIDS†:	27.18723 %

### **CULTIVATOR INFO**

### CULTIVATOR

GLASS HOUSE CAMARILLO CULTIVATION LLC 645 LAGUNA RD CAMARILLO, CA 93012

#### LICENSE

CCL21-0005102 ADULT-USE - CULTIVATOR LICENSE

### **DISTRIBUTOR INFO**

### DISTRIBUTOR

ALKHEMIST DM LLC 2211 DAMON STREET LOS ANGELES, CA 90021

#### LICENSE

C11-0001456-LIC

ADULT-USE - DISTRIBUTOR LICENSE





















BCL-28: DETERMINATION OF CANNABINOIDS CONCENTRATION BY HPLC FOR DRIED FLOWER INCLUDING NON-INFUSED PRE-ROLLS // APR 27, 2024

ANALYTE	AMT		AMT	LOD/LOQ (mg/g)	PASS/FAIL
СВС	0.02972 %	0.2972	mg/g	0.0044/0.10005	N/A
CBD	N D		N D	0.0062/0.10005	N/A
CBDA	0.07929 %	0.7929	mg/g	0.0032/0.10005	N/A
CBG	0.12012 %	1.2012	mg/g	0.0058/0.10005	N/A
CBN	< L0Q		< LOQ	0.0032/0.10005	N/A
$\Delta^8$ -THC	N D		N D	0.01161/0.10005	N/A
Δ <sup>9</sup> -THC	0.33546 %	3.3546	mg/g	0.0084/0.10005	N/A
THCA	26.62264 %	266.2264	mg/g	0.12006/2.001	N/A
THCV	N D		N D	0.0066/0.10005	N/A
тот тнс**	23.68352 %	236.8352	mg/g		N/A
TOT CBD**	0.06954 %	0.6954	mg/g		N/A
CBD/PKG	N D				N/A
Δ <sup>9</sup> -THC/PKG	11.74 mg				N/A
TOT THC/PKG**	828.92 mg				N/A
TOT CBD/PKG**	2.43 mg				N/A

DRY-WEIGHT AMOUNTS SHOWN

\*\* TOTAL THC = DELTA-8-THC + (DELTA-8-THCA  $\times$  0.877) + DELTA-9-THC + (THCA  $\times$  0.877)

\*\* TOTAL CBD = CBD + (CBDA X 0.877)

† SUM OF CANNABINOIDS = CBC + CBD + CBDA + CBG + CBN + DELTA-8-

THC + DELTA-9-THC + THCA + THCV

†† TOTAL CANNABINOIDS = (CBC + CBD + CBG + CBN + DELTA-8-THC +

DELTA-9-THC + THCV) + (0.877 \* (CBDA + THCA))



ANALYTE	AMT	АМТ	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	0.94577 % 9.4	577 mg/g		N/A
D-LIMONENE	0.40894 % 4.0	894 mg/g	0.00023/0.13094	N/A
<b>β-CARYOPHYLLENE</b>	0.17117 % 1.7	117 mg/g	0.0018/0.13094	N/A
<b>β-MYRCENE</b>	0.08820 % 0.8	820 mg/g	0.00036/0.13094	N/A
α-HUMULENE	0.08670 % 0.8	670 mg/g	0.00044/0.13094	N/A
<b>β-PINENE</b>	0.06053 % 0.6	053 mg/g	0.00212/0.13094	N/A
α-PINENE	0.03588 % 0.3	588 mg/g	0.0002/0.13094	N/A
α-BISABOLOL	0.03430 % 0.3	430 mg/g	0.00408/0.13094	N/A
LINALOOL	0.03149 % 0.3	149 mg/g	0.00035/0.13094	N/A
TRANS-β-OCIMENE	0.02856 % 0.2	856 mg/g	0.00047/0.09035	N/A
CAMPHENE	< L0Q	< L0Q	0.0002/0.13094	N/A
CIS-β-OCIMENE	< LOQ	< L0Q	0.00126/0.04059	N/A
TERPINOLENE	< LOQ	< L0Q	0.00028/0.13094	N/A
α-TERPINENE	ND	N D	0.00028/0.13094	N/A
Δ <sup>3</sup> -CARENE	ND	N D	0.00043/0.13094	N/A
EUCALYPTOL	N D	N D	0.00044/0.13094	N/A
y-TERPINENE	N D	N D	0.00044/0.13094	N/A
GERANIOL	N D	N D	0.00027/0.13094	N/A
GUAIOL	N D	N D	0.00256/0.13094	N/A
ISOPULEGOL	N D	N D	0.00051/0.13094	N/A
P-CYMENE	N D	N D	0.00026/0.13094	N/A



LABORATORY PERFORMED SAMPLING AS PER BCL-01 AT 2211 DAMON STREET, LOS ANGELES, CA 90021. THE RESULTS RELATE ONLY TO THE ITEMS TESTED. ALL LQC SAMPLES REQUIRED BY SECTION 15730 OF CALIFORNIA CODE OF REGULATIONS TITLE 4 DIVISION 19 DEPARTMENT OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA. ALL DECISION RULES ARE ESTABLISHED BY THE DCC.

RESULTS CERTIFIED BY: DZOANA KLISARA, B.SC.

LABORATORY DIRECTOR, BELCOSTA LABS

APR 29, 2024





## BCL-13: PESTICIDE TESTING BY GC/MS // APR 28, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 μg/g	N D	0.03093/0.09367	PASS	CHLORPYRIFOS	Any amt	N D	0.011/0.0334	PASS
CHLORDANE	Any amt	N D		PASS	DICHLORVOS	Any amt	N D	0.01158/0.0351	PASS
CHLORDANE CIS		N D	0.01094/0.03316	N/A	METHYL PARATHION	Any amt	N D	0.01329/0.04028	PASS
CHLORDANE TRANS		N D	0.01047/0.03163	N/A	PENTACHLORONI-	0.1 μg/g	N D	0.01382/0.04192	PASS
CHLORFENAPYR	Any amt	N D	0.02358/0.07138	PASS	TROBENZENE				

ACEPHATE 0.1 μg/g ND 0.01224/0.0371 PASS METHIOCARB ANY amt ND 0.00885/0.02681 PASS ACEQUINOCYL 0.1 μg/g ND 0.01993/0.0038 PASS METHIOCARB ANY amt ND 0.00885/0.02681 PASS ACED NO 0.014 μg/g ND 0.0193/0.00380 PASS MEVINPHOS ANY amt ND 0.00837/0.02337 PASS ACED NO 0.014 μg/g ND 0.01219/0.03693 PASS MEVINPHOS NAY ANY ND 0.008529/0.01603 NJ/ACACACACACACACACACACACACACACACACACACAC	BCL-05: RESIDUAL	PESTICIDE	ANALYSIS	BY LC-MS/MS ESI	I // APR 29,	2024			
ACEPHATE 0.1 µg/g ND 0.01224/0.0371 PASS METHIOCARB ANY SMT ND 0.00885/0.02681 PASS ACEQUINOCYL 0.1 µg/g ND 0.01993/0.06038 PASS METHIOCARB ANY SMT ND 0.00885/0.02681 PASS METHIOCARB ANY SMT ND 0.00885/0.02837 PASS METHIOCARB ANY SMT ND 0.00816/0.0333 NJ/ ND 0.0119/0.0333 NJ/ ND 0.0085/0.01131 PASS MEVINPHOS II ND 0.0085/0.01633 NJ/ ND 0.0181/0.01833 PASS MEVINPHOS II ND 0.0085/0.0363 NJ/ ND 0.0181/0.00183 PASS MEVINPHOS II ND 0.0085/0.0363 NJ/ ND 0.0181/0.01833 NJ/ ND 0.0141/0.01231 PASS MEVINPHOS II ND 0.019/0.0321 PASS PASS PASS PASS PASS PASS PASS PAS	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT AM	T (μg/g) LOD/LOQ (μg/g) P	ASS/FAIL
ACEQUINOCYL 0.1 µg/g ND 0.019970.06038 PASS MEYINPHOS ANY amt ND ND 0.00170.00303 N// ACETAMIPRID 0.1 µg/g ND 0.004370.03593 PASS MEYINPHOS ANY amt ND ND 0.00170.00303 N// ACADASTACIBLE ALDICARB ANY amt ND 0.0121970.03593 PASS MEYINPHOS II ND 0.00170.00303 N// BIFENAZATE 0.1 µg/g ND 0.007710.03337 PASS MEYINPHOS II ND 0.00170970.0331 N// BIFENAZATE 0.1 µg/g ND 0.007710.03337 PASS MEYINPHOS II ND 0.005710.00331 N// BIFENAZATE 0.1 µg/g ND 0.007710.03337 PASS MEYINPHOS II ND 0.005270.01031 N// BIFENAZATE 0.1 µg/g ND 0.007370.01131 PASS MEYINPHOS II ND 0.005270.00321 PASS BIFENAZATE 0.1 µg/g ND 0.012870.03839 PASS NALED 0.1 µg/g ND 0.016970.03261 PASS CARBARVI 0.5 µg/g ND 0.016970.03265 PASS PACLOBURAZOL ANY amt ND 0.006170.03262 PASS PACLOBURAZOL ANY amt ND 0.005970.0324 PASS PERMETHRIN 0.5 µg/g ND 0.016970.0324 PASS PERMETHRIN IS ND 0.019970.03303 N// PASS PERMETHRIN IS ND 0.019970.03303 N// POSMET 0.1 µg/g ND 0.016970.03261 PASS PROMETH 0.1 µg/g ND 0.019970.03271 PASS PROMETH 0.1 µg/g ND 0.023770.007182 PASS PABLETHRIN 0.1 µg/g ND 0.023770.007182 PASS PABLETHRIN 0.1 µg/g ND 0.0033770.007182 PASS PABLETHRIN 0.1 µg/g ND 0.0033770.007182 PASS PABLETHRIN 0.1 µg/g ND 0.0033770.007182 PASS PABLETHRIN 0.1 µg/g ND 0.0037770.007182 PASS PABLETHRIN PASS PABLETHRIN PASS PABLETHRIN 0.1 µg/g ND 0.0037770.007182 PASS PABLETHRIN PASS PABLETHRIN PASS PABLETHRIN PASS PABLETHRIN PASS PABLETHRIN PASS PABLETHRI	ABAMECTIN	0.1 µg/g	N D	0.0244/0.07393	PASS	METALAXYL	2 μg/g	ND 0.0058/0.01757	PASS
ACETAMIPRID 0.1 µg/g ND 0.0043/0.01302 PASS MEVINPHOS Any amt ND 0.0010/0.00303 N// ALDICARB ANY amt ND 0.01219/0.05693 PASS MEVINPHOS II ND 0.0011/0.00303 N// AZOXYSTROBIN 0.1 µg/g ND 0.00771/0.02337 PASS MEVINPHOS II ND 0.00529/0.01603 N// BIFENAZATE 0.1 µg/g ND 0.0273/0.01131 PASS MEVINPHOS II ND 0.0140/0.00303 N// BIFENAZATE 0.1 µg/g ND 0.0273/0.01313 PASS MEVINPHOS II ND 0.01 µg/g ND 0.0179/0.0021 PASS BIFENAZATE 0.1 µg/g ND 0.01406/0.02261 PASS NALED 0.1 µg/g ND 0.01697/0.0321 PASS BIFENAZATE 0.1 µg/g ND 0.01406/0.02261 PASS OXANYL 0.5 µg/g ND 0.01059/0.0321 PASS CARBARYL 0.5 µg/g ND 0.00617/0.01865 PASS PACLOBUTRAZOL Any amt ND 0.00617/0.01869 PASS CARBARYL 0.5 µg/g ND 0.00617/0.01865 PASS PARLETHRIN 0.5 µg/g ND 0.01076/0.03262 PASS CHLORANTANIL- 10 µg/g ND 0.01069/0.0324 PASS PERMETHRIN 0.5 µg/g ND 0.00993/0.03008 N// PERMETHRIN TARANS ND 0.11265/0.03333 N// COUMAPHOS Any amt ND 0.01952/0.093914 PASS PERMETHRIN TARANS ND 0.1 µg/g ND 0.02264/0.09391 PASS CYPLUTHRIN 2 µg/g ND 0.02264/0.09391 PASS DIMETHOMORPH 1 µg/g ND 0.02264/0.09312 PASS PACLETHRIN 0.1 µg/g ND 0.00987/0.03060 PASS DIMETHOMORPH 1 ND 0.00337/0.001809 PASS PROPICONAZOLE 0.1 µg/g ND 0.00957/0.01782 PASS DIMETHOMORPH 1 ND 0.00357/0.00181 PASS PROPICONAZOLE 0.1 µg/g ND 0.00957/0.01787 PASS DIMETHOMORPH 1 ND 0.00357/0.00181 PASS PROPICONAZOLE 0.1 µg/g ND 0.00957/0.01780 PASS DIMETHOMORPH 1 ND 0.00554/0.01679 N/A DIMETHOMORPH 1 ND 0.00554/0.01679 N/A DIMETHOMORPH 1 ND 0.00554/0.01679 PASS SPINETORAM 1 ND 0.00386/0.01169 PASS ETOFEMPROX Any amt ND 0.00632/0.00191 PASS SPINETORAM 1 ND 0.00386/0.01169 PASS ETOFEMPROX Any amt ND 0.00537/0.00131 PASS SPINETORAM 1 ND 0.00937/0.00314 N// FENNEXAMID 0.1 µg/g ND 0.00354/0.00133 PASS SPINETORAM 1 ND 0.00937/0.00314 N// FENNEXAMID 0.1 µg/g ND 0.00544/0.0033 PASS SPINETORAM 1 ND 0.00937/0.00314 N// FENNEXAMID 0.1 µg/g ND 0.00937/0.00314 PASS SPINETORAM 1 ND 0.00937/0.00314 N// FENNEXAMID 0.1 µg/g ND 0.00937/0.00314 PASS SPINETORAM 1 ND 0.00937/0.00314 N// FENNEXAMID 0.1 µg/g ND 0.00937/0.00313 PASS SPINETO	ACEPHATE	0.1 µg/g	N D	0.01224/0.0371	PASS	METHIOCARB	Any amt	ND 0.00885/0.02681	PASS
ALDICARB Any amt ND 0.01279/0.03693 PASS MEVINPHOS I ND 0.0017/0.00303 N// AZOXSTROBIN 0.1 µg/g ND 0.00273/0.01337 PASS MEVINPHOS II ND 0.00529/0.01603 N// BIFENTAZATE 0.1 µg/g ND 0.01267/0.03397 PASS MYCLOBUTANIL 0.1 µg/g ND 0.01719/0.0521 PASS MYCLOBUTANIL 0.1 µg/g ND 0.01719/0.0521 PASS MYCLOBUTANIL 0.1 µg/g ND 0.01719/0.0521 PASS BOSCALID 0.1 µg/g ND 0.01267/0.03899 PASS NALED 0.1 µg/g ND 0.00817/0.01869 PASS PASS OXAMYL 0.5 µg/g ND 0.00817/0.01869 PASS CARBORVL 0.5 µg/g ND 0.00615/0.01865 PASS PASS OXAMYL 0.5 µg/g ND 0.00617/0.01869 PASS PASS OXAMYL 0.5 µg/g ND 0.01640/0.04256 PASS PASS OXAMYL 0.5 µg/g ND 0.01640/0.04256 PASS PASS OXAMYL 0.5 µg/g ND 0.00517/0.01869 PASS PASS OXAMYL 0.5 µg/g ND 0.00517/0.01869 PASS OXAMYL 0.5 µg/g ND 0.00517/0.01747 PASS OXAMYL 0.5 µg/g ND 0.0	ACEQUINOCYL	0.1 µg/g	N D	0.01993/0.06038	PASS	METHOMYL	1 µg/g	ND 0.00837/0.02537	PASS
AZOXYSTROBIN 0.1 μg/g ND 0.00771/0.02337 PASS MEVINPHOS II	ACETAMIPRID	0.1 µg/g	N D	0.0043/0.01302	PASS	MEVINPHOS	Any amt	N D	PASS
BIFENAZATE   0.1 μg/g   ND   0.0373/0.01131   PASS   MYCLOBUTANIL   0.1 μg/g   ND   0.01719/0.0521   PASS	ALDICARB	Any amt	N D	0.01219/0.03693	PASS	MEVINPHOS I		ND 0.001/0.00303	N/A
BIFENTHRIN   3	AZOXYSTROBIN	0.1 µg/g	N D	0.00771/0.02337	PASS	MEVINPHOS II		ND 0.00529/0.01603	N/A
BOSCALID         0.1 μg/g         ND         0.01406/0.04261         PASS         OXAMYL         0.5 μg/g         ND         0.00617/0.01869         PASS           CARBARYL         0.5 μg/g         ND         0.00615/0.01865         PASS         PASS         PACLOBUTRAZOL         Any amt         ND         0.01076/0.03262         PASS           CABBOFURAN         Any amt         ND         0.00411/0.01246         PASS         PERMETHRIN         0.5 μg/g         ND         0.00993/0.0324         PASS           CHLORANTRANIL- IPROLE         10 μg/g         ND         0.01404/0.04256         PASS         PERMETHRIN CIS         ND         0.00993/0.0308         N//           CLOGMAPHOS         Any amt         ND         0.01404/0.04256         PASS         PASS         PERMETHRIN TRANS         ND         0.00265/0.03333         N//           CYFLUTHRIN         2 μg/g         ND         0.01511/0.45788         PASS         PASS         PIPERONYLBUTO-         3 μg/g         ND         0.00261/0.00791         PASS           CYPERMETHRIN         1 μg/g         ND         0.02244/0.06921         PASS         PASILETHRIN         0.1 μg/g         ND         0.00273/0.07182         PASS         PASS         PASILETHRIN         0.1 μg/g         ND	BIFENAZATE	0.1 μg/g	N D	0.00373/0.01131	PASS	MYCLOBUTANIL	0.1 μg/g	ND 0.01719/0.0521	PASS
CARBARYL 0.5 µg/g ND 0.00615/0.01865 PASS PACLOBUTRAZOL Any ant ND 0.01076/0.03262 PASS CARBOFURAN Any amt ND 0.00411/0.01246 PASS PERMETHRIN 0.5 µg/g ND PASS PACLOBUTRAZOL NO 0.5 µg/g ND PASS PACLOBUTRAZOL NO 0.5 µg/g ND PASS PERMETHRIN 0.5 µg/g ND 0.00933/0.03008 N// PASS PERMETHRIN 0.5 µg/g ND 0.00933/0.03008 N// PASS PERMETHRIN 0.5 µg/g ND 0.01265/0.03833 N// PERMETHRIN TRANS ND 0.01265/0.03833 N// PASS PASS PASS PASS PASS PASS PASS PA	BIFENTHRIN	3 µg/g	N D	0.01267/0.03839	PASS	NALED	0.1 μg/g	ND 0.01059/0.0321	PASS
CARBOFURAN ANY AMT ND 0.00411/0.01246 PASS PERMETHRIN 0.5 µg/g ND PASS PASS PERMETHRIN 0.5 µg/g ND 0.00993/0.03008 N// PASS PERMETHRIN CIS ND 0.01265/0.03833 N// PASS PERMETHRIN TRANS ND 0.01265/0.03833 N// PASS PASS ND 0.1 µg/g ND 0.01265/0.03833 N// PASS PHOSMET 0.1 µg/g ND 0.00601/0.01822 PASS PHOSMET 3 µg/g ND 0.00601/0.01822 PASS ND 0.01511/0.45788 PASS XIDE ND 0.00061/0.01822 PASS ND 0.00061/0.00791 PASS XIDE ND 0.00061/0.00791 PASS ND 0.00261/0.00791 PASS ND 0.00061/0.00791 PASS ND 0.00061	BOSCALID	0.1 µg/g	N D	0.01406/0.04261	PASS	OXAMYL	0.5 µg/g	ND 0.00617/0.01869	PASS
CHLORANTRANILITIROLE         10 μg/g         ND         0.0169/0.0324         PASS PERMETHRIN CIS         ND 0.00992/0.03008         N// PRINCIPAL           CLOFENTEZINE         0.1 μg/g         ND         0.01404/0.04256         PASS PERMETHRIN TRANS         ND 0.01265/0.03833         N// ND 0.01265/0.03833         N// ND 0.01265/0.03833         N// ND 0.00261/0.00791         PASS PHOSMET         0.1 μg/g         ND 0.00601/0.01822         PASS PHOSMET         0.1 μg/g         ND 0.00601/0.01822         PASS PHOSMET         0.1 μg/g         ND 0.00601/0.01822         PASS PHOSMET         0.1 μg/g         ND 0.00261/0.00791         PASS PHOSMET         0.1 μg/g         ND 0.00369/0.0174         PASS PHOSMET         0.1 μg/g         ND 0.00577/0.00714         PASS PHOSMET         0.1 μg/g         ND 0.00577/0.00714         PASS PROPOXUR         Any amt         ND 0.00353/0.0176         PASS PROPOXUR         Any amt         ND 0.00353/0.0176         PASS PYRETHRINS PYRETHRIN II         ND 0.00358/0.0176         PASS PYRETHRINS PYRETHRIN II         ND 0.00358/0.0176         PASS PYRETHRINS PYRETHRIN II	CARBARYL	0.5 µg/g	N D	0.00615/0.01865	PASS	PACLOBUTRAZOL	Any amt	ND 0.01076/0.03262	PASS
PASS	CARBOFURAN	Any amt	N D	0.00411/0.01246	PASS	PERMETHRIN	0.5 μg/g	N D	PASS
CLOFENTEZINE   0.1 \( \mu g/g \)		10 µg/g	N D	0.01069/0.0324	PASS	PERMETHRIN CIS		ND 0.00993/0.03008	N/A
COUMAPHOS Any amt ND 0.01952/0.05914 PASS CYFLUTHRIN 2 µg/g ND 0.1511/0.45788 PASS XIDE  CYPERMETHRIN 1 µg/g ND 0.02284/0.06921 PASS PROPICONAZOLE 0.1 µg/g ND 0.00989/0.02996 PASS DAMINOZIDE Any amt ND 0.0237/0.07182 PASS PROPICONAZOLE 0.1 µg/g ND 0.00577/0.01747 PASS DIAZINON 0.1 µg/g ND 0.0027/0.00818 PASS PROPICONAZOLE 0.1 µg/g ND 0.00577/0.01747 PASS DIMETHOATE Any amt ND 0.00353/0.01069 PASS PROPERTHRINS 0.5 µg/g ND PASS DIMETHOMORPH 2 µg/g ND PASS PYRETHRINS 0.5 µg/g ND PASS DIMETHOMORPH 1 ND 0.00554/0.01679 N/A PYRETHRINS PYRETHRIN 1 ND 0.00386/0.01169 N/A DIMETHOMORPH 1 ND 0.00327/0.00992 N/A PYRETHRINS PYRETHRIN 1 ND 0.00386/0.01169 N/A DIMETHOMORPH ND 0.00327/0.00992 N/A PYRETHRINS PYRETHRIN 1 ND 0.00386/0.01169 N/A DIMETHOMORPH ND 0.00327/0.00992 N/A PYRETHRINS PYRETHRIN 1 ND 0.00386/0.01169 N/A DIMETHOMORPH ND 0.00327/0.00992 N/A PYRETHRIN 1 ND 0.00438/0.01169 N/A DIMETHOMORPH ND 0.00327/0.00992 N/A PYRETHRIN 1 ND 0.00386/0.01169 N/A DIMETHOMORPH ND 0.00327/0.00992 N/A PYRETHRIN 1 ND 0.00438/0.01176 PASS ETHOPROPHOS Any amt ND 0.00622/0.01914 PASS SPINETORAM 0.1 µg/g ND 0.00384/0.01103 N/A ETOXAZOLE 0.1 µg/g ND 0.00383/0.01099 PASS SPINETORAM 0.1 µg/g ND 0.00694/0.02103 N/A FENDAYCARB Any amt ND 0.0047/0.01423 PASS SPINOSAD 0.1 µg/g ND 0.00693/0.021 PASS FENDAYCARB Any amt ND 0.00678/0.0084 PASS SPINOSAD ND 0.00799/0.02422 N/A FENPYROXIMATE 0.1 µg/g ND 0.00678/0.0084 PASS SPINOSAD ND 0.00979/0.02422 N/A FENPYROXIMATE 0.1 µg/g ND 0.00678/0.0084 PASS SPIROMESIFEN 0.1 µg/g ND 0.00693/0.021 PASS FLONICAMID 0.1 µg/g ND 0.0046/0.01393 PASS SPIROTERAMAT 0.1 µg/g ND 0.00693/0.021 PASS FLONICAMID 0.1 µg/g ND 0.0046/0.01381 PASS SPIROTERAMAT 0.1 µg/g ND 0.00693/0.021 PASS FLONICAMID 0.1 µg/g ND 0.00989/0.0284 PASS SPIROMESIFEN 0.1 µg/g ND 0.00693/0.021 PASS FLONICAMID 0.1 µg/g ND 0.00989/0.0284 PASS SPIROMESIFEN 0.1 µg/g ND 0.0093/0.01663 PASS FLONICAMID 0.1 µg/g ND 0.00989/0.0284 PASS TRIFLOXYSTROB. 0.1 µg/g ND 0.00385/0.01389 PASS TRIFLOXYSTROB. 0.1 µg/g ND 0.00385/0.01389 PASS TRIFLOXYSTROB. 0.1 µg/g ND 0.						PERMETHRIN TRANS		ND 0.01265/0.03833	N/A
CYFLUTHRIN         2 μg/g         ND         0.1511/0.45788         PASS XIDE         3 μg/g         ND 0.00261/0.00791         PASS XIDE           CYPERMETHRIN         1 μg/g         ND         0.02284/0.06921         PASS         PRALLETHRIN         0.1 μg/g         ND 0.00989/0.02996         PASS           DAMINOZIDE         Any amt         ND         0.0237/0.07182         PASS         PROPICONAZOLE         0.1 μg/g         ND 0.00577/0.01747         PASS           DIAZINON         0.1 μg/g         ND         0.0027/0.00818         PASS         PROPOXUR         Any amt         ND 0.00353/0.01798         PASS           DIMETHOATE         Any amt         ND         0.00353/0.01069         PASS         PYRETHRINS         0.5 μg/g         ND         PASS           DIMETHOMORPH         2 μg/g         ND         PASS         PYRETHRINS PYRETHRIN II         ND 0.00435/0.01318         N//           DIMETHOMORPH II         ND         0.00327/0.00992         N/A         PYRETHRINS PYRETHRIN II         ND 0.00386/0.01169         N//           ETHOPROPHOS         Any amt         ND         0.00327/0.00992         N/A         PYRIDABEN         0.1 μg/g         ND 0.00388/0.01176         PASS           ETOFENPROX         Any amt         ND 0.00604/0.01331						PHOSMET	0.1 μg/g	ND 0.00601/0.01822	PASS
CYPERMETHRIN         1 μg/g         ND         0.151710.45788         PASS         XIDE           CYPERMETHRIN         1 μg/g         ND         0.02284/0.06921         PASS         PRALETHRIN         0.1 μg/g         ND         0.002970.07182         PASS         PROPICONAZOLE         0.1 μg/g         ND         0.00577/0.01747         PASS           DIAZINON         0.1 μg/g         ND         0.0027/0.00818         PASS         PROPICONAZOLE         0.1 μg/g         ND         0.00539/0.01747         PASS           DIMETHOATE         Any amt         ND         0.00353/0.01069         PASS         PYRETHRINS         0.5 μg/g         ND         0.00435/0.01318         N//           DIMETHOMORPH         2 μg/g         ND         0.0054/0.01679         N/A         PYRETHRINS PYRETHRIN I         ND         0.00435/0.01318         N//           ETHOPROPHOS         Any amt         ND         0.00527/0.00992         N/A         PYRETHRINS PYRETHRIN II         ND         0.0038/0.01169         N//           ETOFENPROX         Any amt         ND         0.00623/0.01914         PASS         SPINETORAM         0.1 μg/g         ND         0.00638/0.0196         PASS         SPINETORAM J         ND         ND         0.0064/0.01831         PASS		-					3 µg/g	ND 0.00261/0.00791	PASS
DAMINOZIDE Any amt ND 0.0237/0.07182 PASS PROPICONAZOLE 0.1 µg/g ND 0.00577/0.01747 PASS DIAZINON 0.1 µg/g ND 0.0027/0.00818 PASS PROPOXUR Any amt ND 0.00593/0.01798 PASS DIMETHOATE Any amt ND 0.00353/0.01069 PASS PYRETHRINS 0.5 µg/g ND PASS DIMETHOMORPH 2 µg/g ND 0.00554/0.01679 N/A PYRETHRINS PYRETHRIN II ND 0.00435/0.01318 N// PYRETHRINS PYRETHRIN II ND 0.00386/0.01169 N// PYRETHRINS PYRETHRIN II ND 0.00386/0.01169 N// PYRETHRINS PYRETHRIN II ND 0.00386/0.01169 N// PYRETHRINS PYRETHRIN II ND 0.00386/0.01176 PASS DIMETHOMORPH II ND 0.00327/0.00992 N/A PYRETHRINS PYRETHRIN II ND 0.00388/0.01176 PASS DIMETHOMORPH II ND 0.00632/0.01914 PASS SPINETORAM 0.1 µg/g ND 0.00694/0.02103 N// PASS DIMETORAM J ND 0.00694/0.02103 N// PASS DIMETORAM J ND 0.00694/0.02103 N// PASS DIMETORAM J ND 0.00694/0.02103 N// PASS DIMETORAM L ND 0.00902/0.02734 N// PROPERTY ND 0.00694/0.02103 N// PASS DIMETORAM L ND 0.00902/0.02734 N// PASS DIMETORAM L ND 0.00799/0.02422 N// PASS DIMETORAM D ND 0.00799/0.02422 N// PASS DIMETORAM D ND 0.00799/0.02422 N// PASS DIMETORAM D ND 0.00799/0.0242 N// PASS DIMETORAM D ND 0.00799/0.0245 PASS DIMETERAMAT 0.1 µg/g ND 0.00693/0.021 PASS DIMETERAMAT 0.1 µg/g ND 0.00874/0.02647 PASS DIMETERAMAT 0.1 µg/g ND 0.00354/0.01072 PASS DIMETERAMAT 0.1 µg/g ND 0.									
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DIMETHOATE   Any amt   ND   0.00353/0.01069   PASS   PYRETHRINS   0.5 μg/g   ND   PASS   P		-							
DIMETHOMORPH         2 μg/g         ND         PASS         PYRETHRINS PYRETHRIN I         ND 0.00435/0.01318         N//           DIMETHOMORPH I         ND 0.00554/0.01679         N/A         PYRETHRINS PYRETHRIN II         ND 0.00386/0.01169         N//           DIMETHOMORPH II         ND 0.00327/0.00992         N/A         PYRIDABEN         0.1 μg/g         ND 0.00388/0.01176         PASS           ETHOPROPHOS         Any amt         ND 0.00632/0.01914         PASS         SPINETORAM         0.1 μg/g         ND 0.00694/0.02103         N//           ETOFENPROX         Any amt         ND 0.00604/0.01831         PASS         SPINETORAM J         ND 0.00694/0.02103         N//           ETOXAZOLE         0.1 μg/g         ND 0.00363/0.01099         PASS         SPINOSAD         ND 0.00902/0.02734         N//           FENDEXYCARB         Any amt         ND 0.0047/0.01423         PASS         SPINOSAD         ND 0.00779/0.02422         N//           FENPYROXIMATE         0.1 μg/g         ND 0.00277/0.0084         PASS         SPINOSAD D         ND 0.00275/0.00834         N//           FLONICAMID         0.1 μg/g         ND 0.00678/0.02054         PASS         SPIROMESIFEN         0.1 μg/g         ND 0.00693/0.021         PASS           FLUDIOXONIL         0.1 μg/g<									
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FENOXYCARB Any amt ND 0.0047/0.01423 PASS SPINOSAD A ND 0.00799/0.02422 N/A FENPYROXIMATE 0.1 μg/g ND 0.00277/0.0084 PASS SPINOSAD D ND 0.00275/0.00834 N/A FIPRONIL Any amt ND 0.00678/0.02054 PASS SPIROMESIFEN 0.1 μg/g ND 0.00693/0.021 PASS FLONICAMID 0.1 μg/g ND 0.0046/0.01393 PASS SPIROTETRAMAT 0.1 μg/g ND 0.00537/0.01627 PASS FLUDIOXONIL 0.1 μg/g ND 0.03245/0.09834 PASS SPIROXAMINE Any amt ND 0.00549/0.01663 PASS HEXYTHIAZOX 0.1 μg/g ND 0.00409/0.01238 PASS TEBUCONAZOLE 0.1 μg/g ND 0.00874/0.02647 PASS IMAZALIL Any amt ND 0.012/0.03637 PASS THIACLOPRID Any amt ND 0.00458/0.01389 PASS IMIDACLOPRID 5 μg/g ND 0.00796/0.02411 PASS THIAMETHOXAM 5 μg/g ND 0.00395/0.01196 PASS KRESOXIM- 0.1 μg/g ND 0.00389/0.02997 PASS TRIFLOXYSTROB- 0.1 μg/g ND 0.00354/0.01072 PASS	ETOXAZOLE	0.1 µg/g	N D	0.00363/0.01099	PASS	SPINETORAM L		ND 0.00902/0.02734	N/A
FENPYROXIMATE 0.1 μg/g ND 0.00277/0.0084 PASS SPINOSAD D ND 0.00275/0.00834 N/A  FIPRONIL Any amt ND 0.00678/0.02054 PASS SPIROMESIFEN 0.1 μg/g ND 0.00693/0.021 PASS  FLONICAMID 0.1 μg/g ND 0.0046/0.01393 PASS SPIROTETRAMAT 0.1 μg/g ND 0.00537/0.01627 PASS  FLUDIOXONIL 0.1 μg/g ND 0.03245/0.09834 PASS SPIROXAMINE Any amt ND 0.00549/0.01663 PASS  HEXYTHIAZOX 0.1 μg/g ND 0.00409/0.01238 PASS TEBUCONAZOLE 0.1 μg/g ND 0.00874/0.02647 PASS  IMAZALIL Any amt ND 0.012/0.03637 PASS THIACLOPRID Any amt ND 0.00458/0.01389 PASS  IMIDACLOPRID 5 μg/g ND 0.00796/0.02411 PASS THIAMETHOXAM 5 μg/g ND 0.00395/0.01196 PASS  KRESOXIM- ND 0.00989/0.02997 PASS TRIFLOXYSTROB- 0.1 μg/g ND 0.00354/0.01072 PASS	FENHEXAMID	0.1 µg/g	N D	0.01344/0.04073	PASS	SPINOSAD	0.1 μg/g	N D	PASS
FIPRONIL Any amt ND 0.00678/0.02054 PASS SPIROMESIFEN 0.1 μg/g ND 0.00693/0.021 PASS FLONICAMID 0.1 μg/g ND 0.0046/0.01393 PASS SPIROTETRAMAT 0.1 μg/g ND 0.00537/0.01627 PASS FLUDIOXONIL 0.1 μg/g ND 0.03245/0.09834 PASS SPIROXAMINE Any amt ND 0.00549/0.01663 PASS HEXYTHIAZOX 0.1 μg/g ND 0.00409/0.01238 PASS TEBUCONAZOLE 0.1 μg/g ND 0.00874/0.02647 PASS IMAZALIL Any amt ND 0.012/0.03637 PASS THIACLOPRID Any amt ND 0.00458/0.01389 PASS IMIDACLOPRID 5 μg/g ND 0.00796/0.02411 PASS THIAMETHOXAM 5 μg/g ND 0.00395/0.01196 PASS KRESOXIM- 0.1 μg/g ND 0.00389/0.02997 PASS TRIFLOXYSTROB- 0.1 μg/g ND 0.00354/0.01072 PASS	FENOXYCARB	Any amt	N D	0.0047/0.01423	PASS	SPINOSAD A		ND 0.00799/0.02422	N/A
FLONICAMID 0.1 μg/g ND 0.0046/0.01393 PASS SPIROTETRAMAT 0.1 μg/g ND 0.00537/0.01627 PASS FLUDIOXONIL 0.1 μg/g ND 0.03245/0.09834 PASS SPIROXAMINE Any amt ND 0.00549/0.01663 PASS HEXYTHIAZOX 0.1 μg/g ND 0.00409/0.01238 PASS TEBUCONAZOLE 0.1 μg/g ND 0.00874/0.02647 PASS IMAZALIL Any amt ND 0.012/0.03637 PASS THIACLOPRID Any amt ND 0.00458/0.01389 PASS IMIDACLOPRID 5 μg/g ND 0.00796/0.02411 PASS THIAMETHOXAM 5 μg/g ND 0.00395/0.01196 PASS KRESOXIM- 0.1 μg/g ND 0.00389/0.02997 PASS TRIFLOXYSTROB- 0.1 μg/g ND 0.00354/0.01072 PASS	FENPYROXIMATE	0.1 µg/g	N D	0.00277/0.0084	PASS	SPINOSAD D		ND 0.00275/0.00834	N/A
FLUDIOXONIL 0.1 μg/g ND 0.03245/0.09834 PASS SPIROXAMINE Any amt ND 0.00549/0.01663 PASS HEXYTHIAZOX 0.1 μg/g ND 0.00409/0.01238 PASS TEBUCONAZOLE 0.1 μg/g ND 0.00874/0.02647 PASS IMAZALIL Any amt ND 0.012/0.03637 PASS THIACLOPRID Any amt ND 0.00458/0.01389 PASS IMIDACLOPRID 5 μg/g ND 0.00796/0.02411 PASS THIAMETHOXAM 5 μg/g ND 0.00395/0.01196 PASS KRESOXIM- 0.1 μg/g ND 0.00989/0.02997 PASS TRIFLOXYSTROB- 0.1 μg/g ND 0.00354/0.01072 PASS	FIPRONIL	Any amt	N D	0.00678/0.02054	PASS	SPIROMESIFEN	0.1 µg/g	ND 0.00693/0.021	PASS
HEXYTHIAZOX 0.1 μg/g ND 0.00409/0.01238 PASS TEBUCONAZOLE 0.1 μg/g ND 0.00874/0.02647 PASS IMAZALIL Any amt ND 0.012/0.03637 PASS THIACLOPRID Any amt ND 0.00458/0.01389 PASS IMIDACLOPRID 5 μg/g ND 0.00796/0.02411 PASS THIAMETHOXAM 5 μg/g ND 0.00395/0.01196 PASS KRESOXIM- 0.1 μg/g ND 0.00989/0.02997 PASS TRIFLOXYSTROB- 0.1 μg/g ND 0.00354/0.01072 PASS	FLONICAMID	0.1 µg/g	N D	0.0046/0.01393	PASS	SPIROTETRAMAT	0.1 µg/g	ND 0.00537/0.01627	PASS
IMAZALIL Any amt ND 0.012/0.03637 PASS THIACLOPRID Any amt ND 0.00458/0.01389 PASS IMIDACLOPRID 5 μg/g ND 0.00796/0.02411 PASS THIAMETHOXAM 5 μg/g ND 0.00395/0.01196 PASS KRESOXIM- 0.1 μg/g ND 0.00989/0.02997 PASS TRIFLOXYSTROB- 0.1 μg/g ND 0.00354/0.01072 PASS	FLUDIOXONIL	0.1 µg/g	N D	0.03245/0.09834	PASS	SPIROXAMINE	Any amt	ND 0.00549/0.01663	PASS
IMIDACLOPRID 5 μg/g ND 0.00796/0.02411 PASS THIAMETHOXAM 5 μg/g ND 0.00395/0.01196 PASS  KRESOXIM- 0.1 μg/g ND 0.00989/0.02997 PASS TRIFLOXYSTROB- 0.1 μg/g ND 0.00354/0.01072 PASS	HEXYTHIAZOX	0.1 µg/g	N D	0.00409/0.01238	PASS	TEBUCONAZOLE	0.1 µg/g	ND 0.00874/0.02647	PASS
KRESOXIM- 0.1 µg/g ND 0.00989/0.02997 PASS TRIFLOXYSTROB- 0.1 µg/g ND 0.00354/0.01072 PASS	IMAZALIL	Any amt	N D	0.012/0.03637	PASS	THIACLOPRID	Any amt	ND 0.00458/0.01389	PASS
U.1 Ug/g ND U.0U989/U.0299/ PASS U.1 Ug/g ND U.0U354/U.010/2 PASS	IMIDACLOPRID	5 µg/g	N D	0.00796/0.02411	PASS	THIAMETHOXAM	5 μg/g	ND 0.00395/0.01196	PASS
METHYL IN TO THE TO THE TOTAL	METHYL	0.1 μg/g	N D	0.00989/0.02997	PASS	TRIFLOXYSTROB- IN	0.1 μg/g	ND 0.00354/0.01072	PASS



# BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // APR 27, 2024

g) PASS/FAIL
2 PASS
4 PASS
4 PASS
2 PASS
4 PASS
2 PASS
4 PASS
4 PASS
2 PASS
4 PASS
4 PASS
6 PASS
4 PASS
4 PASS
2 PASS
6 PASS
4 PASS
4 PASS
2 PASS
02 N/A
02 N/A
PASS

# BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // APR 26, 2024

ANALYTE	LIMIT AN	IT (%)	PASS/FAIL
IMBEDDED FOREIGN MATERIAL	25 %	N D	PASS
INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT	1 Unit	N D	PASS
MOLD	25 %	N D	PASS
SAND, SOIL, CINDERS, DIRT	25 %	N D	PASS

## BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // APR 27, 2024

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amt in 1 gram	N D	PASS
ASPERGILLUS FUMIGATUS	Any amt in 1 gram	N D	PASS
ASPERGILLUS NIGER	Any amt in 1 gram	N D	PASS
ASPERGILLUS TERREUS	Any amt in 1 gram	N D	PASS
SALMONELLA SPP.	Any amt in 1 gram	N D	PASS
SHIGA TOXIN-PRODUCING E. COLI	Any amt in 1 gram	N D	PASS

### BCL-05: MYCOTOXIN TESTING BY LC-MS/MS // APR 29, 2024

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		N D	1.97/5.96	N/A
AFLATOXIN B2		N D	1.32/3.99	N/A
AFLATOXIN G1		N D	1.6/4.86	N/A
AFLATOXIN G2		ND	1.46/4.44	N/A
AFLATOXINS	20 μg/kg	N D		PASS
OCHRATOXIN A	20 μg/kg	N D	1.35/4.08	PASS

## BCL-020: HEAVY METAL TESTING BY ICP-MS // APR 26, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 μg/g	< L0Q	0.001/0.05	PASS
CADMIUM	0.2 μg/g	< LOQ	0.0002/0.05	PASS
LEAD	0.5 μg/g	< L0Q	0.0003/0.05	PASS
MERCURY	0.1 µg/g	< L0Q	0.0001/0.01	PASS

## BCL-02: MOISTURE CONTENT BY GRAVIMETRY // APR 26, 2024

ANALYTE	L	IMIT	AMT (%)	PASS/FAIL
MOISTURE			10.00	N/A

# BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // APR 26, 2024

ANALYTE	LIM	IΙΤ	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 A	w	0.57	PASS

### **ACCREDITATIONS**



## A2LA ACCREDITED

BCL-02: MOISTURE CONTENT BY GRAVIMETRY

BCL-020: HEAVY METAL TESTING BY ICP-MS

BCL-05: MYCOTOXIN TESTING BY LC-MS/MS

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY

BCL-09: TERPENOID TESTING BY HS-GC/FID

BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM

BCL-13: PESTICIDE TESTING BY GC/MS

BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS

