Columbia LABORATORIES
A Tentamus Company

12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number:	21-006880/D011.R000
Report Date:	06/25/2021
ORELAP#:	OR100028
Purchase Order:	
Received:	06/18/21 15:15

Customer:	Lifted Made
Product identity:	Slab Dab
Client/Metrc ID:	.
Laboratory ID:	21-006880-0005

Summary

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

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Customer: Lifted Made
43360 N US HWY 41 Unit H
Zion Illinois 60099
United States of America (USA)

Product identity: Slab Dab
Client/Metrc ID: .
Sample Date:
Laboratory ID: 21-006880-0005
Evidence of Cooling: No
Temp: 25.6 °C

Sample Results

Solvents **Method** Residual Solvents by GC/MS **Units** µg/g **Batch** 2105459 **Analyze** 06/21/21 10:32 AM

Analyte	Result	LOD	LOQ	Status	Notes	Analyte	Result	LOD	LOQ	Status	Notes
1,2-Dichloroethane†	< LOQ	1.00	1.00	pass		2-Propanol (IPA)	< LOQ		200	pass	
Acetone	< LOQ		200	pass		Acetonitrile	< LOQ		100	pass	
Benzene	< LOQ		1.00	pass		Chloroform†	< LOQ	1.00	1.00	pass	
Ethyl acetate	< LOQ		200	pass		Ethyl ether	< LOQ		200	pass	
Ethylene oxide	< LOQ	1.00	1.00	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ		200	pass		Methylene chloride	< LOQ	1.00	1.00	pass	
n-Butane	< LOQ		200	pass		n-Heptane	< LOQ		200	pass	
n-Hexane	< LOQ		30.0	pass		n-Pentane	< LOQ		200	pass	
o-Xylene	< LOQ		200			Propane	< LOQ		200	pass	
Toluene	< LOQ		100	pass		Total Xylenes	< LOQ		400	pass	
Trichloroethylene†	< LOQ	1.00	1.00	pass							

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Pesticides

Method In-house method by LC MS/MS and GC MS/MS **Units** mg/kg **Batch** 2105611 **Analyze** 06/24/21 05:02 PM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.100	0.100			Acephate	< LOQ	0.100	0.100		
Acequinocyl	< LOQ	0.100	0.100			Acetamiprid	< LOQ	0.100	0.100		
Aldicarb	< LOQ	0.100	0.100			Azoxystrobin	< LOQ	0.100	0.100		
Bifenazate	< LOQ	0.100	0.100			Bifenthrin	< LOQ	3.00	3.00		
Boscalid	< LOQ	0.100	0.100			Captan	< LOQ	0.700	0.700		
Carbaryl	< LOQ	0.500	0.500			Carbofuran	< LOQ	0.100	0.100		
Chlorantraniliprole	< LOQ	10.0	3.00			Chlordane	< LOQ	0.1	0.100		
Chlorfenapyr	< LOQ	0.100	0.100			Chlorpyrifos	< LOQ	0.100	0.100		
Clofentezine	< LOQ	0.100	0.100			Coumaphos	< LOQ	0.100	0.100		
Cyfluthrin	< LOQ	2.00	2.00			Cypermethrin	< LOQ	1.00	1.00		
Daminozide	< LOQ	0.100	0.100			Diazinon	< LOQ	0.100	0.100		
Dichlorvos	< LOQ	0.100	0.100			Dimethoate	< LOQ	0.100	0.100		
Dimethomorph	< LOQ	2.00	2.00			Ethoprophos	< LOQ	0.100	0.100		
Etofenprox	< LOQ	0.100	0.100			Etoxazole	< LOQ	0.100	0.100		
Fenhexamid	< LOQ	0.100	0.100			Fenoxycarb	< LOQ	0.100	0.100		
Fenpyroximate	< LOQ	0.100	0.100			Fipronil	< LOQ	0.100	0.100		
Flonicamid	< LOQ	0.100	0.100			Fludioxonil	< LOQ	0.100	0.100		
Hexythiazox	< LOQ	0.100	0.100			Imazalil	< LOQ	0.100	0.100		
Imidacloprid	< LOQ	5.00	3.00			Kresoxim-methyl	< LOQ	0.100	0.100		
Malathion	< LOQ	0.500	0.500			Metalaxyl	< LOQ	2.00	2.00		
Methiocarb	< LOQ	0.100	0.100			Methomyl	< LOQ	1.00	1.00		
Mevinphos	< LOQ	0.100	0.100			Myclobutanil	< LOQ	0.100	0.100		
Naled	< LOQ	0.100	0.100			Oxamyl	< LOQ	0.500	0.500		
Paclobutrazole	< LOQ	0.100	0.100			Parathion-Methyl	< LOQ	0.100	0.100		
Permethrin	< LOQ	0.500	0.500			Phosmet	< LOQ	0.100	0.100		
Piperonyl butoxide	< LOQ	3.00	3.00			Prallethrin	< LOQ	0.100	0.100		
Propiconazole	< LOQ	0.100	0.100			Propoxur	< LOQ	0.100	0.100		
Pyrethrins (total)	< LOQ	0.500	0.500			Pyridaben	< LOQ	0.100	0.100		
Quintozene	< LOQ	0.100	0.100			Spinetoram	< LOQ	0.100	0.100		
Spinosad	< LOQ	0.100	0.100			Spiromesifen	< LOQ	0.100	0.100		
Spirotetramat	< LOQ	0.100	0.100			Spiroxamine	< LOQ	0.100	0.100		
Tebuconazole	< LOQ	0.100	0.100			Thiacloprid	< LOQ	0.100	0.100		
Thiamethoxam	< LOQ	5.00	3.00			Trifloxystrobin	< LOQ	0.100	0.100		

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0499	2105574	06/23/21	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0499	2105574	06/23/21	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.0499	2105574	06/23/21	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0249	2105574	06/23/21	AOAC 2013.06 (mod.)	X

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These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

Units of Measure

µg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager

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Laboratory Quality Control Results

Residual Solvents **Batch ID:** 2105954

Method Blank					Laboratory Control Sample						
Analyte	Result		LOQ	Notes	Result	Spike	Units	% Rec	Limits		Notes
Propane	ND	<	200		477	595	µg/g	80.2	70	- 130	
Isobutane	ND	<	200		634	761	µg/g	83.3	70	- 130	
Butane	ND	<	200		649	761	µg/g	85.3	70	- 130	
2,2-Dimethylpropane	ND	<	200		798	955	µg/g	83.6	70	- 130	
Methanol	ND	<	200		1450	1600	µg/g	90.6	70	- 130	
Ethylene Oxide	ND	<	30		45.9	58.3	µg/g	78.7	70	- 130	
2-Methylbutane	ND	<	200		1320	1600	µg/g	82.5	70	- 130	
Pentane	ND	<	200		1350	1600	µg/g	84.4	70	- 130	
Ethanol	ND	<	200		1420	1610	µg/g	88.2	70	- 130	
Ethyl Ether	ND	<	200		1380	1600	µg/g	86.3	70	- 130	
2,2-Dimethylbutane	ND	<	30		136	160	µg/g	85.0	70	- 130	
Acetone	ND	<	200		1390	1600	µg/g	86.9	70	- 130	
2-Propanol	ND	<	200		1420	1610	µg/g	88.2	70	- 130	
Ethyl Formate	ND	<	500		1360	1610	µg/g	84.5	70	- 130	
Acetonitrile	ND	<	100		416	481	µg/g	86.5	70	- 130	
Methyl Acetate	ND	<	500		1650	1600	µg/g	103.1	70	- 130	
2,3-Dimethylbutane	ND	<	30		150	164	µg/g	91.5	70	- 130	
Dichloromethane	ND	<	60		420	490	µg/g	85.7	70	- 130	
2-Methylpentane	ND	<	30		136	162	µg/g	84.0	70	- 130	
MTBE	ND	<	500		1630	1610	µg/g	101.2	70	- 130	
3-Methylpentane	ND	<	30		142	163	µg/g	87.1	70	- 130	
Hexane	ND	<	30		143	163	µg/g	87.7	70	- 130	
1-Propanol	ND	<	500		1600	1600	µg/g	100.0	70	- 130	
Methylethylketone	ND	<	500		1620	1620	µg/g	100.0	70	- 130	
Ethyl acetate	ND	<	200		1410	1600	µg/g	88.1	70	- 130	
2-Butanol	ND	<	200		1660	1600	µg/g	103.8	70	- 130	
Tetrahydrofuran	ND	<	100		459	485	µg/g	94.6	70	- 130	
Cyclohexane	ND	<	200		1480	1610	µg/g	91.9	70	- 130	
2-methyl-1-propanol	ND	<	500		1220	1610	µg/g	75.8	70	- 130	
Benzene	ND	<	1		4	4.36	µg/g	91.7	70	- 130	
Isopropyl Acetate	ND	<	200		1420	1610	µg/g	88.2	70	- 130	
Heptane	ND	<	200		1370	1610	µg/g	85.1	70	- 130	
1-Butanol	ND	<	500		1800	1610	µg/g	111.8	70	- 130	
Propyl Acetate	ND	<	500		1600	1610	µg/g	99.4	70	- 130	
1,4-Dioxane	ND	<	100		438	481	µg/g	91.1	70	- 130	
2-Ethoxyethanol	ND	<	30		145	162	µg/g	89.5	70	- 130	
Methylisobutylketone	ND	<	500		1490	1650	µg/g	90.3	70	- 130	
3-Methyl-1-butanol	ND	<	500		1390	1610	µg/g	86.3	70	- 130	
Ethylene Glycol	ND	<	200		444	484	µg/g	91.7	70	- 130	
Toluene	ND	<	200		459	500	µg/g	91.8	70	- 130	
Isobutyl Acetate	ND	<	500		1470	1610	µg/g	91.3	70	- 130	
1-Pentanol	ND	<	500		1430	1610	µg/g	88.8	70	- 130	
Butyl Acetate	ND	<	500		1440	1620	µg/g	88.9	70	- 130	
Ethylbenzene	ND	<	200		959	971	µg/g	98.8	70	- 130	
m,p-Xylene	ND	<	200		959	966	µg/g	99.3	70	- 130	
o-Xylene	ND	<	200		968	967	µg/g	100.1	70	- 130	
Cumene	ND	<	30		156	164	µg/g	95.1	70	- 130	
Anisole	ND	<	500		1530	1620	µg/g	94.4	70	- 130	
DMSO	ND	<	500		1240	1640	µg/g	75.6	70	- 130	
1,2-dimethoxyethane	ND	<	50		150	164	µg/g	91.5	70	- 130	
Triethylamine	ND	<	500		1550	1600	µg/g	96.9	70	- 130	
N,N-dimethylformamide	ND	<	150		501	518	µg/g	96.7	70	- 130	
N,N-dimethylacetamide	ND	<	150		451	488	µg/g	92.4	70	- 130	
Pyridine	ND	<	50		151	172	µg/g	87.8	70	- 130	
Trichloroethylene	ND	<	1		1.08	1	µg/g	108.0	70	- 130	
Chloroform	ND	<	1		1.07	1	µg/g	107.0	70	- 130	
1,2-Dichloroethane	ND	<	1		1.08	1	µg/g	108.0	70	- 130	

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QC - Sample Duplicate **Sample ID: 21-006763-0001**

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Formate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	60	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
MTBE	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
1-Propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Methylethylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
1-Butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Methylisobutylketone	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isobutyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Anisole	ND	ND	500	µg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500	µg/g	0.0	< 20	Acceptable	
1,2-dimethoxyethane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500	µg/g	0.0	< 20	Acceptable	
N,N-dimethylformamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
N,N-dimethylacetamide	ND	ND	150	µg/g	0.0	< 20	Acceptable	
Pyridine	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Trichloroethylene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Chloroform	ND	ND	1	µg/g	0.0	< 20	Acceptable	
1,2-Dichloroethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation

Units of Measure:

µg/g- Microgram per gram or ppm

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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitaion level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.