



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

Report Number: 22-009810/D002.R000
Report Date: 09/27/2022
ORELAP#: OR100028
Purchase Order:
Received: 08/17/22 11:27

Customer: Prehemptive LLC
Product identity: Batch 120 & 121
Client/Metric ID: .
Laboratory ID: 22-009810-0001

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.

Microbiology:

Less than LOQ for all analytes.



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Customer: Prehemptive LLC

Product identity: Batch 120 & 121
Client/Metric ID: .
Sample Date:
Laboratory ID: 22-009810-0001
Evidence of Cooling: No
Temp: 24 °C
Relinquished by: UPS

Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ	10,000	cfu/g	10	2206962	08/19/22 AOAC 990.12 (Petrifilm) ^p	pass	
E.coli	< LOQ	100.00	cfu/g	10	2206961	08/19/22 AOAC 991.14 (Petrifilm) ^p	pass	
Total Coliforms	< LOQ	100.00	cfu/g	10	2206961	08/19/22 AOAC 991.14 (Petrifilm) ^p	pass	
Mold (RAPID Petrifilm)	< LOQ	1,000.	cfu/g	10	2206960	08/20/22 AOAC 2014.05 (RAPID) ^p	pass	
Yeast (RAPID Petrifilm)	< LOQ	1,000.	cfu/g	10	2206960	08/20/22 AOAC 2014.05 (RAPID) ^p	pass	
Salmonella spp. by PCR	Negative		/25g		2206930	08/18/22 AOAC 2020.02 ^p		
EHEC including STEC	Negative		/25g		2206946	08/18/22 AOAC RI 121806 ^p		



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Solvents		Method: Residual Solvents by GC/MS ^b				Units µg/g	Batch 2207131	Analyze 08/23/22 03:55 PM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1-Butanol	< LOQ		500			1-Pentanol	< LOQ		500		
1,1-Dichloroethane	< LOQ		1.00			1,2-Dichloroethane	< LOQ		1.00		
1,2-Dimethoxyethane	< LOQ		50.0			1,4-Dioxane	< LOQ		100		
2-Butanol	< LOQ		200			2-Ethoxyethanol	< LOQ		30.0		
2-methyl-1-propanol	< LOQ		500			2-Methylbutane (Isopentane)	< LOQ	1000	200	pass	
2-Methylpentane	< LOQ	60.0	30.0	pass		2-Propanol (IPA)	< LOQ	1000	200	pass	
2,2-Dimethylbutane	< LOQ	60.0	30.0	pass		2,2-Dimethylpropane (neo-pentane)	< LOQ	1000	200	pass	
2,3-Dimethylbutane	< LOQ	60.0	30.0	pass		3-Methyl-(1)-Butanol	< LOQ		500		
3-Methylpentane	< LOQ	60.0	30.0	pass		Acetic Acid	< LOQ		250		
Acetone	< LOQ	1000	200	pass		Acetonitrile	< LOQ		100		
Anisole	< LOQ		500			Benzene	< LOQ	2.00	1.00	pass	
Butanes (sum)	< LOQ	1000	400	pass		Butyl acetate	< LOQ		500		
Chloroform	< LOQ		1.00			Cyclohexane	< LOQ		200		
DMSO	< LOQ		500			Ethanol	< LOQ	1000	200	pass	
Ethyl acetate	< LOQ	1000	200	pass		Ethyl benzene	< LOQ		200		
Ethyl ether	< LOQ		200			Ethyl Formate	< LOQ		500		
Ethylene glycol	< LOQ		200			Ethylene oxide	< LOQ		1.00		
Formic Acid	< LOQ		250			Hexanes (sum)	< LOQ	60.0	150	pass	
Isobutyl acetate	< LOQ		500			Isopropyl acetate	< LOQ		200		
Isopropylbenzene (Cumene)	< LOQ		30.0			m,p-Xylene	< LOQ	430	200	pass	
Methanol	< LOQ	600	200	pass		Methyl-t-butyl ether	< LOQ		500		
Methylacetat	< LOQ		500			Methylene chloride	< LOQ		1.00		
Methylethylketone	< LOQ		500			Methylisobutylketone	< LOQ		500		
Methylpropane (Isobutane)	< LOQ	1000	200	pass		n-Butane	< LOQ	1000	200	pass	
n-Heptane	< LOQ	1000	200	pass		n-Hexane	< LOQ	60.0	30.0	pass	
n-Pentane	< LOQ	1000	200	pass		n-Propanol	< LOQ		500		
N,N-dimethylacetamide	< LOQ		200			N,N-dimethylformamide	< LOQ		200		
o-Xylene	< LOQ	430	200	pass		Pentanes (sum)	< LOQ	1000	600	pass	
Propane	< LOQ	1000	200	pass		Propyl Acetate	< LOQ		500		
Pyridine	< LOQ		50.0			Sulfolane	< LOQ		50.0		
Tetrahydrofuran	< LOQ		100			Toluene	< LOQ	180	100	pass	
Total Residual Solvents	< LOQ		5,000			Total Xylenes	< LOQ	430	400	pass	
Total Xylenes and Ethyl benzene	< LOQ		600			Trichloroethylene	< LOQ		1.00		
Triethylamine	< LOQ		500								



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Pesticides		Method: AOAC 2007.01 & EN 15662 (mod)				Units mg/kg	Batch 2207005	Analyze 08/18/22 02:59 PM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.25	0.070	pass		Acephate	< LOQ	0.050	0.020	pass	
Acequinocyl	< LOQ	0.030	0.025	pass		Acetamiprid	< LOQ	0.050	0.050	pass	
Aldicarb	< LOQ	0.50	0.100	pass		Allethrin	< LOQ	0.10	0.100	pass	
Atrazine	< LOQ	0.0250	0.025	pass		Azadirachtin	< LOQ	1.0	0.500	pass	
Azoxystrobin	< LOQ	0.010	0.010	pass		Benzovindiflupyr	< LOQ	0.010	0.010	pass	
Bifenazate	< LOQ	0.010	0.010	pass		Bifenthrin	< LOQ	1.0	0.100	pass	
Boscalid	< LOQ	0.010	0.010	pass		Buprofezin	< LOQ	0.020	0.010	pass	
Captan	< LOQ		0.700			Carbaryl	< LOQ	0.025	0.025	pass	
Carbofuran	< LOQ	0.010	0.010	pass		Chlorantraniliprole	< LOQ	0.020	0.010	pass	
Chlordane (cis+trans)	< LOQ		0.100			Chlorfenapyr	< LOQ	1.5	0.100	pass	
Chlorpyrifos	< LOQ	0.50	0.010	pass		Clofentezine	< LOQ	0.010	0.010	pass	
Clothianidin	< LOQ	0.025	0.025	pass		Coumaphos	< LOQ	0.010	0.010	pass	
Cyantraniliprole	< LOQ	0.010	0.010	pass		Cyfluthrin	< LOQ	0.20	0.400	pass	
Cyhalothrin,lambda	< LOQ	0.0200	0.250	pass		Cypermethrin	< LOQ	0.30	0.300	pass	
Cyprodinil	< LOQ	0.010	0.010	pass		Daminozide	< LOQ	0.10	0.050	pass	
Deltamethrin	< LOQ	0.50	0.500	pass		Diazinon	< LOQ	0.020	0.010	pass	
Dichlorvos	< LOQ	0.050	0.050	pass		Dimethoate	< LOQ	0.010	0.010	pass	
Dimethomorph	< LOQ	0.050	0.050	pass		Dinotefuran	< LOQ	0.050	0.050	pass	
Diuron	< LOQ	0.125	0.125	pass		Dodemorph	< LOQ	0.050	0.050	pass	
Endosulfan I (alpha)	< LOQ	2.5	0.050	pass		Endosulfan II (beta)	< LOQ	2.5	0.050	pass	
Endosulfan sulfate	< LOQ	2.5	0.050	pass		Ethoprophos	< LOQ	0.010	0.010	pass	
Etofenprox	< LOQ	0.050	0.010	pass		Etoxazole	< LOQ	0.020	0.010	pass	
Etridiazole	< LOQ	0.15	0.050	pass		Fenhexamid	< LOQ	0.13	0.100	pass	
Fenoxycarb	< LOQ	0.010	0.010	pass		Fenpyroximate	< LOQ	0.020	0.020	pass	
Fensulfothion	< LOQ	0.010	0.010	pass		Fenthion	< LOQ	0.010	0.010	pass	
Fenvalerate	< LOQ		0.200			Fipronil	< LOQ	0.010	0.010	pass	
Flonicamid	< LOQ	0.025	0.025	pass		Fludioxonil	< LOQ	0.010	0.010	pass	
Fluopyram	< LOQ	0.010	0.010	pass		Hexythiazox	< LOQ	0.010	0.010	pass	
Imazalil	< LOQ	0.010	0.010	pass		Imidacloprid	< LOQ	0.010	0.010	pass	
Iprodione	< LOQ	0.50	0.500	pass		Kinoprene	< LOQ	1.3	0.050	pass	
Kresoxim-methyl	< LOQ	0.15	0.010	pass		Malathion	< LOQ	0.010	0.010	pass	
Metalaxyl	< LOQ	0.010	0.010	pass		Methiocarb	< LOQ	0.010	0.010	pass	
Methomyl	< LOQ	0.025	0.025	pass		Methoprene	< LOQ	2.0	1.00	pass	
Mevinphos	< LOQ	0.025	0.025	pass		MGK-264	< LOQ	0.050	0.050	pass	
Myclobutanil	< LOQ	0.010	0.010	pass		Naled	< LOQ	0.10	0.100	pass	
Novaluron	< LOQ	0.025	0.025	pass		Oxamyl	< LOQ	1.5	0.500	pass	
Paclobutrazole	< LOQ	0.010	0.010	pass		Parathion-Methyl	< LOQ	0.050	0.030	pass	
Permethrin	< LOQ	0.50	0.040	pass		Phenothrin	< LOQ	0.050	0.025	pass	
Phosmet	< LOQ	0.020	0.010	pass		Piperonyl butoxide	< LOQ	1.3	0.200	pass	
Pirimicarb	< LOQ	0.010	0.010	pass		Prallethrin	< LOQ	0.050	0.050	pass	
Propiconazole	< LOQ	0.10	0.010	pass		Propoxur	< LOQ	0.010	0.010	pass	
Pyraclostrobin	< LOQ	0.010	0.010	pass		Pyrethrins (total)	< LOQ	0.050	0.025	pass	
Pyridaben	< LOQ	0.020	0.020	pass		Pyriproxyfen	< LOQ	0.0100	0.010	pass	
Quintozene	< LOQ	0.020	0.020	pass		Resmethrin	< LOQ	0.050	0.020	pass	
Spinetoram	< LOQ	0.010	0.010	pass		Spinosad	< LOQ	0.010	0.010	pass	
Spirodiclofen	< LOQ	0.25	0.250	pass		Spiromesifen	< LOQ	3.0	0.030	pass	



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Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes										
Spirotetramat	< LOQ	0.010	0.010	pass		Spiroxamine	< LOQ	0.10	0.010	pass											
Tebuconazole	< LOQ	0.010	0.010	pass		Tebuconazole	< LOQ	0.010	0.010	pass											
Teflubenzuron	< LOQ	0.025	0.025	pass		Tetrachlorvinphos	< LOQ	0.010	0.010	pass											
Tetramethrin	< LOQ	0.10	0.050	pass		Thiabendazole	< LOQ	0.0200	0.020	pass											
Thiacloprid	< LOQ	0.010	0.010	pass		Thiamethoxam	< LOQ	0.010	0.010	pass											
Thiophanate-Methyl	< LOQ	0.050	0.030	pass		Trifloxystrobin	< LOQ	0.010	0.010	pass											

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method		Status	Notes	
Arsenic	< LOQ	1.50	mg/kg	0.0958	2207043	08/19/22	AOAC 2013.06 (mod.) ^p	pass		
Cadmium	< LOQ	0.50	mg/kg	0.0958	2207043	08/19/22	AOAC 2013.06 (mod.) ^p	pass		
Lead	< LOQ	0.50	mg/kg	0.0958	2207043	08/19/22	AOAC 2013.06 (mod.) ^p	pass		
Mercury	< LOQ	1.50	mg/kg	0.0479	2207043	08/19/22	AOAC 2013.06 (mod.) ^p	pass		

Mycotoxins										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method		Status	Notes	
Aflatoxin B2 ^y	< LOQ	5.00	µg/kg	5.00	2207083	08/22/22	AOAC 2007.01 & EN 15662 (mod) ^p	pass		
Aflatoxin B1 ^y	< LOQ	5.00	µg/kg	5.00	2207083	08/22/22	AOAC 2007.01 & EN 15662 (mod) ^p	pass		
Aflatoxin G1 ^y	< LOQ	5.00	µg/kg	5.00	2207083	08/22/22	AOAC 2007.01 & EN 15662 (mod) ^p	pass		
Aflatoxin G2 ^y	< LOQ	5.00	µg/kg	5.00	2207083	08/22/22	AOAC 2007.01 & EN 15662 (mod) ^p	pass		
Ochratoxin A ^y	< LOQ	5.00	µg/kg	5.00	2207083	08/22/22	AOAC 2007.01 & EN 15662 (mod) ^p	pass		
Total Aflatoxins ^y	0.000		µg/kg	20.0		08/23/22	AOAC 2007.01 & EN 15662 (mod) ^p			



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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, CCR title 16-division 42. BCC-section 5723

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.

Threshold Note: Action levels per 6 CCR 1010-21 CDPHE requirements

^p = ISO/IEC 17025:2017 accredited method.

^v = TNI accredited analyte.

Units of Measure

/25g = Per 25g

cfu/g = Colony forming units per gram

µg/g = Microgram per gram

µg/kg = Micrograms per kilogram = parts per billion (ppb)

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

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager