



Juniper Analytics LLC
63055 Layton Ave # 101
Bend, OR
(541) 382-3796
<http://www.juniperanalyticsllc.com>
ORELAP: License # 10035537931

Rip City Dabs

Hillsboro, OR 97123

Lic. #030-10126920573



Sample: 22JA0617.01

Mycotoxins, Concentrate/Extract -Full
Compliance - CAN, PES-R, SOL-R

Report Date: 09/06/2022
Intake Date: 08/31/2022
Harvest/Prod. Date: 08/30/2022

LA Kush, Sour Diesel, Durban Kush, Columbian Gold, OG

Strain: LA Kush, Sour Diesel, Durban Kush, Columbian Gold, OG Chem
METRC Batch #: 1A4010300048379000000041; METRC Batch #: ;
External Batch #: 0035,0036,0037,0038,0039



64.4216%

Total THC %

0.1942%

Total CBD %

644.216 mg/g

Total THC mg/g

1.942 mg/g

Total CBD mg/g

Pesticides

Pass

Residual Solvents

Pass

Mycotoxins

Pass

METRC OR Potency

Pass

Post Control Study

THC % RPD Status: Pass

THC % RPD Value: 0.22%

CBD % RPD Value: N/A

CBD % RPD Status: N/A

See attached sheets for details

This product has been tested by Juniper Analytics LLC, using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested and batched under the batch number identified above. Juniper Analytics LLC makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. This Certificate must not be altered, and shall not be reproduced except in full, without the written approval of Juniper Analytics LLC.

Cassie Ereman
QA Review

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Compliance - CAN, PES-R, SOL-R

Report Date: 09/06/2022
Intake Date: 08/31/2022
Harvest/Prod. Date: 08/30/2022
Potency Analysis Date: 09/02/2022

LA Kush, Sour Diesel, Durban Kush, Columbian Gold, OG

Strain: LA Kush, Sour Diesel, Durban Kush, Columbian Gold, OG Chem
Chem ID: 1A4010300048379000000041; METRC Batch #: ;
External Batch #: 0035,0036,0037,0038,0039; Analytical Batch #: PO-2022-09-01-01

Cannabinoid Profile



Analyte	LOQ mg/g	Mass %	Mass mg/g
THCa	0.987	58.2193	582.193
Δ9-THC	0.987	13.3633	133.633
Δ8-THC	0.987	<LOQ	<LOQ
THCV	0.987	0.2391	2.391
CBDa	0.987	0.2215	2.215
CBD	0.987	<LOQ	<LOQ
CBN	0.987	<LOQ	<LOQ
CBGa	0.987	0.9064	9.064
CBG	0.987	0.2908	2.908
CBC	0.987	0.4725	4.725
Total		73.7128	737.128

QC Batch ID: PO-2022-09-01-01
Total THC = THCa * 0.877 + Δ9-THC
Total CBD = CBDa * 0.877 + CBD

Instrument: HPLC/DAD; Method: JA-Potency-Proprietary; LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Potency Analysis (Oregon Compliance Standard OAR 333-007-0430).

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Compliance - CAN, PES-R, SOL-R

Report Date: 09/06/2022
Intake Date: 08/31/2022
Harvest/Prod. Date: 08/30/2022
Pesticides Analysis Date: 09/02/2022

LA Kush, Sour Diesel, Durban Kush, Columbian Gold, OG

Strain: LA Kush, Sour Diesel, Durban Kush, Columbian Gold, OG Chem

Chem ID: 1A401030004837900000041; METRC Batch #: ;
External Batch #: 0035,0036,0037,0038,0039; Analytical Batch #: PE-MT-2022-09-01-01

Pesticides

Pass

Analyte	LOQ	Limit	Results	Status	Analyte	LOQ	Limit	Results	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.25	0.50	<LOQ	Pass	Imazalil	0.10	0.20	<LOQ	Pass
Acephate	0.20	0.40	<LOQ	Pass	Imidacloprid	0.20	0.40	<LOQ	Pass
Acequinocyl	1.00	2.00	<LOQ	Pass	Kresoxim Methyl	0.20	0.40	<LOQ	Pass
Acetamiprid	0.10	0.20	<LOQ	Pass	Malathion	0.10	0.20	<LOQ	Pass
Aldicarb	0.20	0.40	<LOQ	Pass	Metalaxyl	0.10	0.20	<LOQ	Pass
Azoxystrobin	0.10	0.20	<LOQ	Pass	Methiocarb	0.10	0.20	<LOQ	Pass
Bifenazate	0.10	0.20	<LOQ	Pass	Methomyl	0.20	0.40	<LOQ	Pass
Bifenthrin	0.10	0.20	<LOQ	Pass	Methyl Parathion	0.10	0.20	<LOQ	Pass
Boscalid	0.20	0.40	<LOQ	Pass	MGK-264	0.10	0.20	<LOQ	Pass
Carbaryl	0.10	0.20	<LOQ	Pass	Myclobutanil	0.10	0.20	<LOQ	Pass
Carbofuran	0.10	0.20	<LOQ	Pass	Naled	0.25	0.50	<LOQ	Pass
Chlorantraniliprole	0.10	0.20	<LOQ	Pass	Oxamyl	0.50	1.00	<LOQ	Pass
Chlorfenapyr	0.50	1.00	<LOQ	Pass	Paclbutrazol	0.20	0.40	<LOQ	Pass
Chlorpyrifos	0.10	0.20	<LOQ	Pass	Permethrins	0.10	0.20	<LOQ	Pass
Clofentezine	0.10	0.20	<LOQ	Pass	Phosmet	0.10	0.20	<LOQ	Pass
Cyfluthrin	0.50	1.00	<LOQ	Pass	Piperonyl Butoxide	1.00	2.00	<LOQ	Pass
Cypermethrin	0.50	1.00	<LOQ	Pass	Prallethrin	0.10	0.20	<LOQ	Pass
Daminozide	0.50	1.00	<LOQ	Pass	Propiconazole	0.20	0.40	<LOQ	Pass
Diazinon	0.10	0.20	<LOQ	Pass	Propoxur	0.10	0.20	<LOQ	Pass
Dichlorvos	0.50	1.00	<LOQ	Pass	Pyrethrins	0.50	1.00	<LOQ	Pass
Dimethoate	0.10	0.20	<LOQ	Pass	Pyridaben	0.10	0.20	<LOQ	Pass
Ethoprophos	0.10	0.20	<LOQ	Pass	Spinosad	0.10	0.20	<LOQ	Pass
Etofenprox	0.20	0.40	<LOQ	Pass	Spiromesifen	0.10	0.20	<LOQ	Pass
Etoxazole	0.10	0.20	<LOQ	Pass	Spirotetramat	0.10	0.20	<LOQ	Pass
Fenoxycarb	0.10	0.20	<LOQ	Pass	Spiroxamine	0.20	0.40	<LOQ	Pass
Fenpyroximate	0.20	0.40	<LOQ	Pass	Tebuconazole	0.20	0.40	<LOQ	Pass
Fipronil	0.20	0.40	<LOQ	Pass	Thiacloprid	0.10	0.20	<LOQ	Pass
Flonicamid	0.50	1.00	<LOQ	Pass	Thiamethoxam	0.10	0.20	<LOQ	Pass
Fludioxonil	0.20	0.40	<LOQ	Pass	Trifloxystrobin	0.10	0.20	<LOQ	Pass
Hexythiazox	0.50	1.00	<LOQ	Pass					

QC Batch ID: PE-MT-2022-09-01-01

Instrument: LC-MS/MS; Method: AOAC 2007.1-Mod; LOQ = Limit of Quantitation; The reported result is based on wet sample weight for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Pesticide Analysis (Oregon Compliance Standard OAR 333-007-0400).

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Intake Date: 08/31/2022
Harvest/Prod. Date: 08/30/2022
Solvents Analysis Date: 09/02/2022

LA Kush, Sour Diesel, Durban Kush, Columbian Gold, OG

Strain: LA Kush, Sour Diesel, Durban Kush, Columbian Gold, OG Chem

Chem ID: 1A4010300048379000000041; METRC Batch #: ;

External Batch #: 0035,0036,0037,0038,0039; Analytical Batch #: RS-2022-09-02-01

Residual Solvents

Pass

Analyte	LOQ	Limit	Results	RPD	Analyte	LOQ	Limit	Results	RPD
	PPM	PPM	PPM			PPM	PPM	PPM	
1,4-Dioxane	100	380.00	<LOQ	-	Toluene	100	890.00	<LOQ	-
2-Butanol	500	5000.00	<LOQ	-	Pentanes	500	5000.00	<LOQ	-
2-Ethoxy-Ethanol	80	160.00	<LOQ	-	n-Pentane			<LOQ	-
Acetone	500	5000.00	<LOQ	-	Isopentane			<LOQ	-
Acetonitrile	100	410.00	<LOQ	-	Neopentane			<LOQ	-
Benzene	1	2.00	<LOQ	-	Butanes	500	5000.00	<LOQ	-
Cumene	35	70.00	<LOQ	-	n-Butane			<LOQ	-
Cyclohexane	500	3880.00	<LOQ	-	Isobutane			<LOQ	-
Dichloromethane	100	600.00	<LOQ	-	Hexanes	50	290.00	<LOQ	-
Ethyl-Acetate	500	5000.00	<LOQ	-	n-Hexane			<LOQ	-
Ethyl-Ether	500	5000.00	<LOQ	-	2-Methyl-Pentane			<LOQ	-
Ethylene Glycol	300	620.00	<LOQ	-	3-Methyl-Pentane			<LOQ	-
Ethylene Oxide	20	50.00	<LOQ	-	2,2-Dimethyl-Butane			<LOQ	-
Heptane	500	5000.00	<LOQ	-	2,3-Dimethyl-Butane			<LOQ	-
Isopropyl-Acetate	500	5000.00	<LOQ	-	Xylenes	300	2170.00	<LOQ	-
Isopropanol	500	5000.00	<LOQ	-	m-Xylene			<LOQ	-
Methanol	500	3000.00	<LOQ	-	o-Xylene			<LOQ	-
Propane	500	5000.00	<LOQ	-	p-Xylene			<LOQ	-
Tetrahydrofuran	100	720.00	<LOQ	-	Ethyl-Benzene			<LOQ	-

METRC RPD Status: N/A

Tentatively Identified Compounds: Peak 1: Hit 1: 2-Propanone, 1-(acetyloxy)-, Peak 2: Hit 1: 1,2-Ethanediol, diacetate

QC Batch ID: RS-2022-09-02-01

Instrument: GC/MS; Method: USP 467 - Modified; LOQ = Limit of Quantitation; The reported result is based on wet sample weight for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Residual Solvent Analysis (Oregon Compliance Standard OAR 333-007-0410).

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Compliance - CAN, PES-R, SOL-R

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Intake Date: 08/31/2022
Harvest/Prod. Date: 08/30/2022
Mycotoxins Analysis Date: 09/02/2022

LA Kush, Sour Diesel, Durban Kush, Columbian Gold, OG

Strain: LA Kush, Sour Diesel, Durban Kush, Columbian Gold, OG Chem

Internal Batch #: 1A4010300048379000000041; METRC Batch #: ;

External Batch #: 0035,0036,0037,0038,0039; Analytical Batch #: PE-MT-2022-09-01-01

Mycotoxins

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Aflatoxin B1	0.01	0.02	<LOQ	Pass
Aflatoxin B2	0.01	0.02	<LOQ	Pass
Aflatoxin G1	0.01	0.02	<LOQ	Pass
Aflatoxin G2	0.01	0.02	<LOQ	Pass
Ochratoxin A	0.01	0.02	<LOQ	Pass
Total Aflatoxins	0.01	0.02	<LOQ	Pass

Instrument: LC-MS/MS; Method: AOAC 2007.1-Mod; LOQ = Limit of Quantitation; The reported result is based on wet sample weight for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Mycotoxin Analysis (Oregon Compliance Standard OAR 333-007-0425).

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Quality Control Results - Potency



Work Group ID:	PO-2022-09-01-01
Analysis Date:	9/2/2022

Potency	Method Blank (mg/g)	LCS (% Recovery)	Sample Duplicate (RPD %)	Duplicate LOQ (mg/g)	Qualifiers/Notes
CBD-A	<LOQ	94.35%	<LOQ	1.89	
CBG-A	<LOQ	N/A	2.19%	1.89	
CBG	<LOQ	99.78%	1.68%	1.89	
CBD	<LOQ	98.45%	<LOQ	1.89	
THC-V	<LOQ	N/A	1.30%	1.89	
CBN	<LOQ	100.71%	1.31%	1.89	
D9-THC	<LOQ	106.66%	0.45%	1.89	
D8-THC	<LOQ	95.22%	<LOQ	1.89	
CBC	<LOQ	N/A	6.21%	1.89	
THC-A	<LOQ	90.48%	1.35%	1.89	

	Method Blank LOQ (mg/g)	LCS (% Rec)	Duplicate Limits (RPD %)
CBD-A	3.88	90-110%	15%
CBG-A	3.88	90-110%	15%
CBG	3.88	90-110%	15%
CBD	3.88	90-110%	15%
THC-V	3.88	90-110%	15%
CBN	3.88	90-110%	15%
D9-THC	3.88	90-110%	15%
D8-THC	3.88	90-110%	15%
CBC	3.88	90-110%	15%
THC-A	3.88	90-110%	15%

Qualifiers	
A1	Relative Percent Difference outside limits, results considered acceptable based on remaining QC
A2	Non homogenous sample matrix affecting RPD results
A3	Result < 5 times LOQ, Duplicate result not applicable.
A4	RPD non-calculable, analyte outside analytical range
A5	Sample concentration is greater than 5 times Method Blank
A6	Analyte detected in Method Blank, absent in sample
A7	LCS result high, only non-detected results reported
A8	LCS outside acceptable limits, results considered acceptable based on remaining QC

Disclaimer

The results within this report apply only to the product tested and batched under the batch number identified above. These test results are for the exclusive use of the above named individual or entity. This report must not be altered, and may not be reproduced, except in their entirety, without written consent of Juniper Analytics, LLC. Requests for information regarding these results should be referred to the aforementioned individual or entity.

Quality Control Results- Pesticides



Work Group ID: PE-MT-2022-09-01-01
 Analysis Date: 9/2/2022

AOAC 2007.1 & EN 15662

Units: ppm (ug/g)

Analyte	Method Blank			Laboratory Control Sample				
	Method Blank Result	Method Blank Limits	Qualifiers	LCS Spike	LCS Result	LCS % Recovery	Limits	Qualifiers
Abamectin	*	0.050		0.035	0.027	78.2%	50 - 150%	
Acephate	*	0.040		0.046	0.034	73.6%	60 - 120%	
Acequinocyl	*	0.200		0.075	0.081	107.6%	40 - 160%	
Acetamiprid	*	0.020		0.023	0.016	70.6%	60 - 120%	
Aldicarb	*	0.040		0.041	0.031	75.6%	60 - 120%	
Azoxystrobin	*	0.020		0.019	0.018	97.6%	60 - 120%	
Bifenazate	*	0.020		0.005	0.005	90.2%	60 - 120%	
Bifenthrin	*	0.020		0.013	0.013	94.7%	50 - 150%	
Boscalid	*	0.040		0.037	0.039	106.9%	60 - 120%	
Carbaryl	*	0.020		0.020	0.015	78.9%	60 - 120%	
Carbofuran	*	0.020		0.021	0.017	80.9%	60 - 120%	
Chlorantraniliprole	*	0.020		0.017	0.018	107.6%	60 - 120%	
Chlorfenapyr	*	0.100		0.085	0.064	75.2%	60 - 120%	
Chlorpyrifos	*	0.020		0.014	0.013	91.6%	60 - 120%	
Clofentezine	*	0.020		0.012	0.011	92.8%	60 - 120%	
Cyfluthrin	*	0.100		0.088	0.080	90.7%	50 - 150%	
Cypermethrin	*	0.100		0.081	0.077	95.1%	50 - 150%	
Daminozide	*	0.100		0.142	0.109	76.6%	60 - 120%	
Diazinon	*	0.020		0.015	0.015	96.7%	60 - 120%	
Dichlorvos	*	0.100		0.095	0.078	81.7%	60 - 120%	
Dimethoate	*	0.020		0.019	0.017	90.6%	60 - 120%	
Ethoprophos	*	0.020		0.017	0.015	88.1%	60 - 120%	
Etofenprox	*	0.040		0.022	0.021	98.8%	50 - 150%	
Etoxazole	*	0.020		0.017	0.016	93.9%	60 - 120%	
Fenoxycarb	*	0.020		0.017	0.016	96.5%	60 - 120%	
Fenpyroximate	*	0.040		0.035	0.035	99.0%	60 - 120%	
Fipronil	*	0.040		0.048	0.037	78.7%	60 - 120%	
Flonicamid	*	0.100		0.097	0.084	85.9%	60 - 120%	
Fludioxonil	*	0.040		0.040	0.031	78.3%	50 - 150%	
Hexythiazox	*	0.100		0.074	0.083	111.7%	60 - 120%	
Imazalil	*	0.020		0.018	0.017	95.6%	60 - 120%	
Imidacloprid	*	0.040		0.039	0.035	89.9%	60 - 120%	
Kresoxim-methyl	*	0.040		0.033	0.038	114.5%	60 - 120%	
Malathion	*	0.020		0.018	0.016	92.0%	60 - 120%	
Metalaxyl	*	0.020		0.019	0.018	91.5%	60 - 120%	
Methiocarb	*	0.020		0.019	0.016	84.3%	60 - 120%	
Methomyl	*	0.040		0.038	0.029	77.4%	60 - 120%	
Methyl-parathion	*	0.020		0.020	0.015	78.5%	50 - 150%	
MGK-264	*	0.020		0.018	0.019	106.5%	50 - 150%	
Myclobutanil	*	0.020		0.017	0.018	100.8%	60 - 120%	
Naled	*	0.050		0.024	0.025	103.2%	50 - 150%	
Oxamyl	*	0.200		0.203	0.174	85.7%	60 - 120%	
Paclobutrazol	*	0.040		0.037	0.038	102.1%	60 - 120%	
Permethrins	*	0.020		0.011	0.011	94.3%	50 - 150%	
Phosmet	*	0.020		0.016	0.018	113.1%	50 - 150%	
Piperonyl butoxide	*	0.100		0.077	0.083	106.7%	60 - 120%	
Prallethrin	*	0.020		0.014	0.015	110.8%	60 - 120%	
Propiconazole	*	0.040		0.038	0.029	77.5%	60 - 120%	
Propoxur	*	0.020		0.019	0.015	77.0%	60 - 120%	
Pyrethrins	*	0.100		0.038	0.045	116.0%	60 - 120%	
Pyridaben	*	0.020		0.014	0.014	96.3%	50 - 150%	
Spinosad	*	0.020		0.020	0.016	81.3%	50 - 150%	
Spiromesifin	*	0.020		0.007	0.007	99.5%	60 - 120%	
Spirotetramat	*	0.020		0.014	0.013	94.7%	60 - 120%	
Spiroxamine	*	0.040		0.039	0.035	89.3%	60 - 120%	
Tebuconazole	*	0.040		0.037	0.031	82.9%	60 - 120%	
Thiacloprid	*	0.020		0.022	0.018	81.7%	60 - 120%	
Thiamethoxam	*	0.020		0.020	0.018	89.5%	60 - 120%	
Trifloxystrobin	*	0.020		0.018	0.017	96.7%	60 - 120%	

* < LOQ or Not detected

Quality Control Results- Pesticides



Work Group ID: PE-MT-2022-09-01-01
 Analysis Date: 9/2/2022

AOAC 2007.1 & EN 15662

Units: ppm (mg/Kg)

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) Recoveries

Analyte	Matrix Spike (MS) Result	Matrix Spike Duplicate Result	Matrix Spike	RPD %	MS % Rec	MSD % Rec	Limits	Qualifiers
Abamectin	0.049	0.057	0.050	14.9%	98.2%	114.0%	50 - 150%	
Acephate	0.051	0.053	0.050	3.5%	101.4%	105.0%	50 - 150%	
Acequinocyl	0.001	0.002	0.050	28.3%	2.6%	3.4%	50 - 150%	A5
Acetamiprid	0.053	0.054	0.050	1.5%	105.4%	107.0%	50 - 150%	
Aldicarb	0.042	0.040	0.050	5.2%	84.4%	80.1%	50 - 150%	
Azoxystrobin	0.019	0.018	0.050	3.7%	37.7%	36.4%	50 - 150%	A5
Bifenazate	0.044	0.040	0.050	10.8%	88.3%	79.2%	50 - 150%	
Bifenthrin	0.007	0.007	0.050	3.6%	13.4%	13.9%	50 - 150%	A5
Boscalid	0.045	0.040	0.050	11.2%	90.1%	80.6%	50 - 150%	
Carbaryl	0.050	0.047	0.050	6.0%	99.7%	93.9%	50 - 150%	
Carbofuran	0.049	0.050	0.050	1.8%	97.6%	99.4%	50 - 150%	
Chlorantraniliprole	0.056	0.049	0.050	13.4%	111.2%	97.3%	50 - 150%	
Chlorfenapyr	0.026	0.027	0.050	3.7%	51.7%	53.6%	50 - 150%	
Chlorpyrifos	0.000	0.000	0.050	N/A	0.0%	0.0%	50 - 150%	A3, A5
Clofentezine	0.050	0.052	0.050	4.3%	99.0%	103.3%	50 - 150%	
Cyfluthrin	0.010	0.012	0.050	23.8%	19.4%	24.6%	50 - 150%	A5
Cypermethrin	0.000	0.000	0.050	N/A	0.2%	0.1%	50 - 150%	A3, A5
Daminozide	0.056	0.063	0.050	12.3%	111.2%	125.8%	50 - 150%	
Diazinon	0.012	0.010	0.050	19.5%	24.0%	19.8%	50 - 150%	A5
Dichlorvos	0.046	0.043	0.050	6.4%	91.2%	85.5%	50 - 150%	
Dimethoate	0.062	0.060	0.050	3.3%	124.5%	120.4%	50 - 150%	
Ethoprophos	0.036	0.032	0.050	11.6%	72.0%	64.1%	50 - 150%	
Etofenprox	0.005	0.006	0.050	6.9%	10.9%	11.7%	50 - 150%	A5
Etoxazole	0.011	0.010	0.050	9.9%	21.8%	19.7%	50 - 150%	A5
Fenoxycarb	0.036	0.032	0.050	11.7%	72.0%	64.0%	50 - 150%	
Fenpyroximate	0.005	0.004	0.050	17.6%	9.5%	8.0%	50 - 150%	A5
Fipronil	0.063	0.065	0.050	2.3%	126.7%	129.6%	50 - 150%	
Flonicamid	0.067	0.066	0.050	0.6%	133.2%	132.3%	50 - 150%	
Fludioxonil	0.058	0.057	0.050	3.2%	117.0%	113.3%	50 - 150%	
Hexythiazox	0.002	0.002	0.050	2.4%	3.8%	3.7%	50 - 150%	A5
Imazalil	0.028	0.030	0.050	9.0%	55.5%	60.7%	50 - 150%	
Imidacloprid	0.053	0.054	0.050	1.2%	106.5%	107.9%	50 - 150%	
Kresoxim-methyl	0.022	0.021	0.050	7.1%	44.5%	41.4%	50 - 150%	A5
Malathion	0.040	0.037	0.050	6.2%	79.7%	74.9%	50 - 150%	
Metalaxyl	0.049	0.044	0.050	9.7%	97.1%	88.1%	50 - 150%	
Methiocarb	0.047	0.045	0.050	5.9%	94.6%	89.1%	50 - 150%	
Methomyl	0.044	0.044	0.050	1.4%	87.5%	88.7%	50 - 150%	
Methyl-parathion	0.025	0.026	0.050	2.8%	49.9%	51.3%	50 - 150%	A5
MGK-264	0.016	0.015	0.050	6.3%	32.7%	30.7%	50 - 150%	A5
Myclobutanil	0.044	0.041	0.050	7.8%	88.1%	81.5%	50 - 150%	
Naled	0.036	0.032	0.050	13.1%	73.0%	64.0%	50 - 150%	
Oxamyl	0.050	0.047	0.050	5.3%	100.0%	94.8%	50 - 150%	
Paclobutrazol	0.052	0.045	0.050	16.3%	104.8%	89.0%	50 - 150%	
Permethrins	0.005	0.005	0.050	5.8%	10.3%	9.8%	50 - 150%	A5
Phosmet	0.023	0.022	0.050	4.8%	46.2%	44.0%	50 - 150%	A5
Piperonyl butoxide	0.018	0.016	0.050	11.0%	35.9%	32.2%	50 - 150%	A5
Prallethrin	0.032	0.030	0.050	6.6%	64.2%	60.1%	50 - 150%	
Propiconazole	0.129	0.116	0.050	10.7%	258.2%	232.1%	50 - 150%	A5
Propoxur	0.049	0.051	0.050	3.1%	98.3%	101.3%	50 - 150%	
Pyrethrins	0.006	0.005	0.050	17.0%	11.4%	9.6%	50 - 150%	A5
Pyridaben	0.006	0.006	0.050	3.1%	12.7%	12.3%	50 - 150%	A5
Spinosad	0.025	0.023	0.050	8.5%	50.5%	46.4%	50 - 150%	A5
Spiromesifin	0.007	0.006	0.050	7.9%	13.8%	12.8%	50 - 150%	A5
Spirotetramat	0.048	0.043	0.050	10.5%	95.1%	85.6%	50 - 150%	
Spiroxamine	0.040	0.036	0.050	12.2%	80.2%	71.0%	50 - 150%	
Tebuconazole	0.170	0.155	0.050	9.6%	340.4%	309.1%	50 - 150%	A5
Thiacloprid	0.044	0.045	0.050	3.4%	87.8%	90.9%	50 - 150%	
Thiamethoxam	0.051	0.050	0.050	2.9%	102.2%	99.3%	50 - 150%	
Trifloxystrobin	0.019	0.018	0.050	7.5%	38.9%	36.1%	50 - 150%	A5

Qualifiers	
A1	Duplicate Relative Percent Difference outside limits
A2	Duplicate result < 5 times LOQ, Duplicate result not applicable
A3	Duplicate RPD non-calculable, analyte outside analytical range
A4	Matrix Spike (MS) recovery outside acceptable limits. Only non-detected or less than LOQ results reported.
A5	Matrix interference affecting spike or surrogate recoveries
A6	Method Blank - Analyte detected, Only non-detected or less than LOQ results reported.
A7	Method Blank - Analyte detected, only sample results greater than 5 x's blank value reported.
A8	LCS recovery high, only non-detected results reported
A9	LCS result high, samples less than action limit reported, considered as passing (biased high).
A10	Quality control outside QC limits. Data acceptable based on remaining QC.
A11	QC outside control limits, results considered estimated
A12	QC failure. Only non detected result reported
A13	Compound not quantified, Screened for Action Limit Only

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Quality Control Results- Residual Solvents



Work Group ID: RS-2022-09-02-01
Analysis Date: 2022-09-02

Instrument: GC/MS
Method: SOP_JA.014

Solvent	Method Blank Results (ppm)	LCS Results (ppm)	LCS Spike Value (ppm)	LCS (% Recovery) (60-120% Acceptable)	LCS Duplicate RPD (+/-25% Acceptable)	Qualifiers
Propane	<LOQ	260.01	400	65.0%	2.3%	
iso-Butane	<LOQ	351.62	400	87.9%	1.9%	
n-Butane	<LOQ	311.37	400	77.8%	3.8%	
Methanol	<LOQ	291.39	400	72.8%	1.4%	
neo-Pentane	<LOQ	323.56	400	80.9%	1.5%	
Ethylene Oxide	<LOQ	262.85	400	65.7%	0.5%	
iso-Pentane	<LOQ	366.82	400	91.7%	0.6%	
n-Pentane	<LOQ	307.84	400	77.0%	1.6%	
IPA	<LOQ	313.58	400	78.4%	8.5%	
Ethyl ether	<LOQ	265.51	400	66.4%	2.6%	
2,2-dimethylbutane	<LOQ	326.3	400	81.6%	0.9%	
Acetone	<LOQ	308.29	400	77.1%	1.5%	
Acetonitrile	<LOQ	283.7	400	70.9%	1.2%	
2-methylpentane	<LOQ	683.16	800	85.4%	0.4%	
2,3-dimethylbutane	<LOQ	677.68	800	84.7%	0.4%	
Dichloromethane	<LOQ	287.12	400	71.8%	0.4%	
3-methylpentane	<LOQ	312.71	400	78.2%	0.6%	
n-hexane	<LOQ	267.37	400	66.8%	1.8%	
2-butanol	<LOQ	293.38	400	73.3%	1.2%	
Ethyl acetate	<LOQ	290.35	400	72.6%	1.3%	
Tetrahydrofuran	<LOQ	313	400	78.3%	0.0%	
Cyclohexane	<LOQ	313.78	400	78.4%	0.5%	
Isopropyl acetate	<LOQ	289.5	400	72.4%	0.4%	
Heptane	<LOQ	266.35	400	66.6%	3.3%	
Benzene	<LOQ	317.8	400	79.5%	1.1%	
Ethylene glycol	<LOQ	301.03	400	75.3%	0.5%	
2-Ethoxyethanol	<LOQ	277.45	400	69.4%	2.5%	
1,4-Dioxane	<LOQ	304.86	400	76.2%	3.0%	
Toluene	<LOQ	295.19	400	73.8%	3.4%	
Ethylbenzene	<LOQ	272.6	400	68.2%	1.2%	
m + p-Xylene	<LOQ	609.55	800	76.2%	1.0%	
o-Xylene	<LOQ	297.39	400	74.3%	2.3%	
Cumene	<LOQ	297.45	400	74.4%	2.1%	

LOQ = Limit of Quantification

Qualifiers	
A1	Duplicate Relative Percent Difference outside limits
A2	Duplicate result < 5 times LOQ, Duplicate result not applicable
A3	Duplicate RPD non-calculable, analyte outside analytical range
A4	Method Blank - Analyte detected, Only non-detected or less than LOQ results reported.
A5	Method Blank - Analyte detected, only sample results greater than 5 x's blank value reported.
A6	LCS recovery high, only non-detected results reported
A7	LCS recovery high, samples less than LOQ reported, considered as passing (biased high).
A8	LCS results low due to known volatility of compound. Results considered acceptable based on remaining QC.
A9	QC outside control limits, results considered estimated
A10	QC outside control limits. Only non detected result reported
A11	Compound not quantified, Screened for Action Limit Only

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Quality Control Results- Mycotoxins



Work Group ID: PE-MT-2022-09-01-01
 Analysis Date: 9/2/2022

AOAC 2007.1 & EN 15662

Units: ppm (ug/g)

Analyte	Method Blank			Laboratory Control Sample				
	Method Blank Result	Method Blank Limits	Qualifiers	LCS Spike	LCS Result	LCS % Recovery	Limits	Qualifiers
Aflatoxin B1	*	0.010		0.010	0.010	96.8%	60 - 120%	
Aflatoxin B2	*	0.010		0.010	0.009	90.5%	60 - 120%	
Aflatoxin G1	*	0.010		0.010	0.010	96.9%	60 - 120%	
Aflatoxin G2	*	0.010		0.010	0.010	103.2%	60 - 120%	
Ochratoxin A	*	0.010		0.010	0.022	219.6%	60 - 120%	A9

*< LOQ or Not detected

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD) Recoveries								
Analyte	Matrix Spike (MS) Result	Matrix Spike Duplicate Result	Matrix Spike	RPD %	MS % Rec	MSD % Rec	Limits	Qualifiers
Aflatoxin B1	0.000	0.000	0.020	N/A	1.3%	0.6%	50 - 150%	A3, A5
Aflatoxin B2	0.003	0.003	0.020	8.6%	15.2%	14.0%	50 - 150%	A5
Aflatoxin G1	0.001	0.001	0.020	11.6%	6.5%	7.3%	50 - 150%	A5
Aflatoxin G2	0.004	0.004	0.020	13.4%	21.3%	18.6%	50 - 150%	A5
Ochratoxin A	0.005	0.004	0.020	14.1%	24.1%	20.9%	50 - 150%	A5

Qualifiers	
A1	Duplicate Relative Percent Difference outside limits
A2	Duplicate result < 5 times LOQ, Duplicate result not applicable
A3	Duplicate RPD non-calculable, analyte outside analytical range
A4	Matrix Spike (MS) recovery outside acceptable limits. Only non-detected or less than LOQ results reported.
A5	Matrix interference affecting spike or surrogate recoveries
A6	Method Blank - Analyte detected, Only non-detected or less than LOQ results reported.
A7	Method Blank - Analyte detected, only sample results greater than 5 x's blank value reported.
A8	LCS recovery high, only non-detected results reported
A9	LCS result high, samples less than action limit reported, considered as passing (biased high).
A10	Quality control outside QC limits. Data acceptable based on remaining QC.
A11	QC outside control limits, results considered estimated
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