



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

Report Number: 25-010233/D001.R000
Report Date: 09/09/2025
Purchase Order: EXL/19
Received: 09/02/25 09:32 AM

Project Name: MAK-EXL/19 (202

Cover Letter

MAK Operations LLC
MAK Kratom
502 W 7th St (STE 100)
Erie Pennsylvania 16502
United States of America (USA)

Dear Michael Trujillo,

Enclosed please find Columbia Laboratories analytical report for samples received as order number 25-010233 on 09/02/2025 at 09:32. Should you have any questions about this report or any other matter, please do not hesitate to contact us. We are here to help you.

Thank you for allowing Columbia Laboratories to be of service to you, we appreciate your business.

Sincerely,

Derrick Tanner
General Manager



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

Report Number: 25-010233/D001.R000
Report Date: 09/09/2025
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Project Name: MAK-EXL/19 (202)

Customer: MAK Operations LLC
MAK Kratom
502 W 7th St (STE 100)
Erie Pennsylvania 16502
United States of America (USA)

Sample ID: MAK-EXL/19LE25(1)

Sample Matrix: Kratom Liquid

Laboratory ID: 25-010233-0001

Evidence of Cooling: No

Temp: 21.4 °C

Sample Results

Metals

Heavy Metals Profile K

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
Arsenic	< LOQ	mg/kg	0.0387	09/05/25 AOAC 2013.06 (mod.) ^b	1.50	pass	
Cadmium	< LOQ	mg/kg	0.0387	09/05/25 AOAC 2013.06 (mod.) ^b	0.500	pass	
Lead	< LOQ	mg/kg	0.0387	09/05/25 AOAC 2013.06 (mod.) ^b	1.00	pass	
Mercury	< LOQ	mg/kg	0.0194	09/05/25 AOAC 2013.06 (mod.) ^b	0.200	pass	
Nickel	< LOQ	mg/kg	0.0387	09/05/25 AOAC 2013.06 (mod.) ^b	20.0	pass	

Microbiology

Kratom Micro Profile

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
Aerobic Plate Count	< LOQ	cfu/g	10	09/05/25 AOAC 990.12 (Petrifilm) ^b	10,000,000	pass	
E.coli	< LOQ	cfu/g	10	09/05/25 AOAC 991.14 (Petrifilm) ^b	100	pass	
Total Coliforms	< LOQ	cfu/g	10	09/05/25 AOAC 991.14 (Petrifilm) ^b	10,000	pass	
Enterobacteriaceae	< LOQ	cfu/g	10	09/04/25 AOAC 2003.01 ^b	10,000	pass	
Mold (RAPID Petrifilm)	< LOQ	cfu/g	10	09/06/25 AOAC 2014.05 (RAPID) ^b	50,000	pass	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	10	09/06/25 AOAC 2014.05 (RAPID) ^b	50,000	pass	
Salmonella spp.	Negative	/25g	-	09/04/25 AOAC 2020.02 ^b	Negative	pass	

Mitragynine

Mitragynine Full Alkaloid Panel

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
7-Hydroxymitragynine	< LOQ	mg/mL	0.100	09/03/25 In house method by HPLC-DAD ^b			
Isorhynchophylline	< LOQ	mg/mL	0.500	09/03/25 In house method by HPLC-DAD ^b			
Mitragynine	9.60	mg/mL	0.500	09/03/25 In house method by HPLC-DAD ^b			
Mitraphylline	< LOQ	mg/mL	0.500	09/03/25 In house method by HPLC-DAD ^b			
Paynantheine	1.09	mg/mL	0.500	09/03/25 In house method by HPLC-DAD ^b			

Mitragynine

Mitragynine Full Alkaloid Panel

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
Speciociliatine	< LOQ	mg/mL	0.500	09/03/25 In house method by HPLC-DAD ^b			
Speciogynine	0.845	mg/mL	0.500	09/03/25 In house method by HPLC-DAD ^b			
Total Alkaloids	1.15	%	-	09/08/25 In house method by HPLC-DAD ^b			

Solvents

Residual Solvents (Comprehensive)

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
1-Butanol	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS 5000		pass	
1-Pentanol	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS 5000		pass	
1,1-Dichloroethane	< LOQ	µg/g	1.00	09/08/25 Residual Solvents by HS-GC-MS			
1,1-Dichloroethene	< LOQ	µg/g	1.00	09/08/25 Residual Solvents by HS-GC-MS			
1,1,1-Trichloroethane	< LOQ	µg/g	1.00	09/08/25 Residual Solvents by HS-GC-MS			
1,2-Dichloroethane	< LOQ	µg/g	1.00	09/08/25 Residual Solvents by HS-GC-MS 1.00		pass	
1,2-Dimethoxyethane	< LOQ	µg/g	50	09/08/25 Residual Solvents by HS-GC-MS			
1,4-Dioxane	< LOQ	µg/g	100	09/08/25 Residual Solvents by HS-GC-MS 380		pass	
2-Butanol	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS 5000		pass	
2-Ethoxyethanol	< LOQ	µg/g	30.0	09/08/25 Residual Solvents by HS-GC-MS 160		pass	
2-methyl-1-propanol	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS 5000		pass	
2-Methylbutane (Isopentane)	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS			
2-Methylpentane	< LOQ	µg/g	30.0	09/08/25 Residual Solvents by HS-GC-MS			
2-Propanol (IPA)	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS 5000		pass	
2,2-Dimethylbutane	< LOQ	µg/g	30.0	09/08/25 Residual Solvents by HS-GC-MS			
2,2-Dimethylpropane (neo-pentane)	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS			
2,3-Dimethylbutane	< LOQ	µg/g	30.0	09/08/25 Residual Solvents by HS-GC-MS			
3-Methyl-(1)-Butanol	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS 5000		pass	
3-Methylpentane	< LOQ	µg/g	30.0	09/08/25 Residual Solvents by HS-GC-MS			
Acetone	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS 5000		pass	
Acetonitrile	< LOQ	µg/g	100	09/08/25 Residual Solvents by HS-GC-MS 410		pass	
Anisole	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS 5000		pass	
Benzene	< LOQ	µg/g	1.00	09/08/25 Residual Solvents by HS-GC-MS 1.00		pass	
Butanes (sum)	< LOQ	µg/g	400	09/08/25 Residual Solvents by HS-GC-MS			
Butyl acetate	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS 5000		pass	
Carbon Tetrachloride	< LOQ	µg/g	1.00	09/08/25 Residual Solvents by HS-GC-MS			
Chlorobenzene	< LOQ	µg/g	1.00	09/08/25 Residual Solvents by HS-GC-MS			
Chloroform	< LOQ	µg/g	1.00	09/08/25 Residual Solvents by HS-GC-MS 60.0		pass	
cis-1,2-Dichloroethene	< LOQ	µg/g	1.00	09/08/25 Residual Solvents by HS-GC-MS			
Cyclohexane	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS 3880		pass	
DMSO	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS			

Solvents

Residual Solvents (Comprehensive)

Analyte	Result	Units	LOQ	Analized Method	Threshold	Pass/Fail	Notes
Ethanol	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
Ethyl acetate	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
Ethyl benzene	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS			
Ethyl ether	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
Ethyl Formate	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
Ethylene glycol	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS	620	pass	
Ethylene oxide	< LOQ	µg/g	1.00	09/08/25 Residual Solvents by HS-GC-MS			
Hexanes (sum)	< LOQ	µg/g	150	09/08/25 Residual Solvents by HS-GC-MS	290	pass	
Isobutyl acetate	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
Isopropyl acetate	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
Isopropylbenzene (Cumene)	< LOQ	µg/g	30.0	09/08/25 Residual Solvents by HS-GC-MS	70.0	pass	
m,p-Xylene	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS	2170	pass	
Methanol	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS	3000	pass	
Methyl-t-butyl ether	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
Methylacetate	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
Methylene chloride	< LOQ	µg/g	1.00	09/08/25 Residual Solvents by HS-GC-MS	600	pass	
Methylethylketone	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
Methylisobutylketone	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
Methylpropane (Isobutane)	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS			
n-Butane	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS			
n-Heptane	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
n-Hexane	< LOQ	µg/g	30.0	09/08/25 Residual Solvents by HS-GC-MS	290	pass	
n-Pentane	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
n-Propanol	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
N,N-dimethylacetamide	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS			
N,N-dimethylformamide	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS			
o-Xylene	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS	2170	pass	
Pentanes (sum)	< LOQ	µg/g	600	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
Propane	< LOQ	µg/g	200	09/08/25 Residual Solvents by HS-GC-MS			
Propyl Acetate	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS	5000	pass	
Pyridine	< LOQ	µg/g	50	09/08/25 Residual Solvents by HS-GC-MS			
Sulfolane	< LOQ	µg/g	50	09/08/25 Residual Solvents by HS-GC-MS			
Tetrahydrofuran	< LOQ	µg/g	100	09/08/25 Residual Solvents by HS-GC-MS	720	pass	
Toluene	< LOQ	µg/g	100	09/08/25 Residual Solvents by HS-GC-MS	890	pass	
Total Residual Solvents	< LOQ	µg/g	5000	09/08/25 Residual Solvents by HS-GC-MS			
Total Xylenes	< LOQ	µg/g	400	09/08/25 Residual Solvents by HS-GC-MS	2170	pass	

Solvents

Residual Solvents (Comprehensive)

Analyte	Result	Units	LOQ	Analized Method	Threshold	Pass/Fail	Notes
Total Xylenes and Ethyl benzene	< LOQ	µg/g	600	09/08/25 Residual Solvents by HS-GC-MS	2170	pass	
trans-1,2-Dichloroethene	< LOQ	µg/g	1.00	09/08/25 Residual Solvents by HS-GC-MS			
Trichloroethylene	< LOQ	µg/g	1.00	09/08/25 Residual Solvents by HS-GC-MS			
Triethylamine	< LOQ	µg/g	500	09/08/25 Residual Solvents by HS-GC-MS			

Abbreviations

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: limits based on AHPA recommended limits for unprocessed herbs and supplements and ingredients (10g daily consu

▷ = ISO/IEC 17025:2017 accredited method.

Units of Measure

/25g = Per 25g

cfu/g = Colony forming units per gram

µg/g = Microgram per gram

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

mg/mL = Milligram per Milliliter

% = Percentage of sample

Approved Signatory



Derrick Tanner
General Manager



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Received: 09/02/25 09:32 AM

Project Name: MAK-EXL/19 (202



**Kratom
Chain of Custody**

MAK-1756478238

				Testing		
Company Details Company: <u>MAK</u> Contact: <u>Michael Trujillo</u> Street Address: <u>6259 U.S. 160 (REAR SHOP)</u> City, State, Zip: <u>Alamosa, CO 81101</u> Email: <u>makoperations94@gmail.com</u> Email, CC: <u>itsnealkc@gmail.com</u> Contact Phone: <u>5055459273</u> Company Phone: <u>7194201619</u> Billing Information Billing Phone: <u>7194201619</u> Billing Email: <u>makoperations94@gmail.com</u>				H	S3500 - Kratom Quality & Safety Expanded	
Project Details Turnaround Time: <u>5 Business Days (Standard)</u> Sample Relinquishment Options: <u>By Shipping Service (USPS, UPS, Fedex)</u> Project Name / ID: <u>MAK-EXL/19 (2025)</u> PO Number: <u>EXL/19</u> Report Type: <u>All Samples on One Report</u> Receipt Information Evidence of Cooling?: No Sample Condition: Satisfactory Prelog Storage: Food Shelves						
#	Sample Name	Material	Amount Provided	Additional Test Requests and Sample Comments		
1	MAK-EXL/19LE25(1)	Kratom Liquid	75 ml	Please do NOT combine MIT and Paynantheine. List all alkaloids separately and total alkaloids.		
				✓	✓	

Package Details

Kratom Quality & Safety Expanded: Heavy Metals Profile K/Kratom • Kratom Micro Profile • Mitragynine Full Alkaloid Panel

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL #
<i>Kasey N. Croasno</i>	<i>08/29/2025</i>	<i>07:54</i>	<i>rls</i>	<i>09/02/2025</i>	<i>09:32</i>	<i>21.40</i>	<i>CL-1196</i>

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the [current terms of services](#) associated with this COC. By signing "Relinquished by" you are agreeing to these terms.

Columbia Laboratories
12423 NE Whitaker Way
Portland, OR 97230

P: (503) 254-1794
info@columbialaboratories.com

Page 1 of 1
www.columbialaboratories.com



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Received: 09/02/25 09:32 AM

Project Name: MAK-EXL/19 (202)

Revision: 2 Document ID: 7087
Legacy ID: CFL-E33Effective:

Laboratory Quality Control Results

Residual Solvents				Batch ID: 2506429					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
1,1,1-Trichloroethane	ND	< 5		4.71	5	µg/g	94.2	50-150	
1,2-dimethoxyethane	ND	< 50		138	162	µg/g	85.2	50-150	
1,4-Dioxane	ND	< 100		404	496	µg/g	81.5	60-120	
1-Butanol	ND	< 500		1280	1610	µg/g	79.5	50-150	
2,2-Dimethylbutane	ND	< 30		147	172	µg/g	85.5	60-120	
2,2-Dimethylpropane	ND	< 200		750	956	µg/g	78.5	60-120	
2,3-Dimethylbutane	ND	< 30		146	173	µg/g	84.4	60-120	
2-Butanol	ND	< 200		1320	1610	µg/g	82.0	60-120	
2-Ethoxyethanol	ND	< 30		144	177	µg/g	81.4	60-120	
2-methyl-1-propanol	ND	< 500		1270	1610	µg/g	78.9	50-150	
2-Methylbutane	ND	< 200		1370	1630	µg/g	84.0	60-120	
2-Methylpentane	ND	< 30		138	164	µg/g	84.1	60-120	
2-Propanol	ND	< 200		1300	1610	µg/g	80.7	60-120	
3-Methyl-1-butanol	ND	< 500		1300	1610	µg/g	80.7	50-150	
3-Methylpentane	ND	< 30		149	183	µg/g	81.4	60-120	
Acetone	ND	< 200		1350	1620	µg/g	83.3	60-120	
Acetonitrile	ND	< 100		403	493	µg/g	81.7	60-120	
Benzene	ND	< 1		0.936	1	µg/g	93.6	50-150	
Butane	ND	< 200		593	769	µg/g	77.1	60-120	
Butyl Acetate	ND	< 500		1320	1620	µg/g	81.5	50-150	
Carbon Tetrachloride	ND	< 1		0.941	1	µg/g	94.1	50-150	
Cumene	ND	< 30		136	174	µg/g	78.2	60-120	
Cyclohexane	ND	< 200		1570	1630	µg/g	96.3	60-120	
Dichloromethane	ND	< 1		1.05	1	µg/g	105.0	50-150	
DMSO	ND	< 500		1060	1620	µg/g	65.4	50-150	
Ethanol	ND	< 200		1380	1630	µg/g	84.7	60-120	
Ethyl acetate	ND	< 200		1330	1630	µg/g	81.6	60-120	
Ethyl Ether	ND	< 200		1430	1620	µg/g	88.3	60-120	
Ethylbenzene	ND	< 200		750	976	µg/g	76.8	60-120	
Ethylene Glycol	ND	< 200		313	484	µg/g	64.7	60-120	
Ethylene Oxide	ND	< 1		1.13	1	µg/g	113.0	50-150	
Heptane	ND	< 200		1400	1600	µg/g	87.5	60-120	
Hexane	ND	< 30		144	172	µg/g	83.7	60-120	
Isobutane	ND	< 200		589	770	µg/g	76.5	60-120	
Isobutyl Acetate	ND	< 500		1360	1620	µg/g	84.0	50-150	
Isopropyl Acetate	ND	< 200		1390	1610	µg/g	86.3	60-120	
m,p-Xylene	ND	< 200		807	988	µg/g	81.7	60-120	
Methanol	ND	< 200		1330	1650	µg/g	80.6	60-120	
Methyl Acetate	ND	< 500		1380	1620	µg/g	85.2	50-150	
o-Xylene	ND	< 200		754	975	µg/g	77.3	60-120	
Pentane	ND	< 200		1340	1610	µg/g	83.2	60-120	
Propane	ND	< 200		462	585	µg/g	79.0	60-120	
Pyridine	ND	< 50		122	163	µg/g	74.8	50-150	
Sulfolane	ND	< 50		83	165	µg/g	50.3	50-150	
Tetrahydrofuran	ND	< 100		411	486	µg/g	84.6	60-120	
Toluene	ND	< 100		389	485	µg/g	80.2	60-120	
Trichloroethylene	ND	< 1		0.89	1	µg/g	89.0	50-150	
Triethylamine	ND	< 500		1340	1620	µg/g	82.7	50-150	



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Project Name: MAK-EXL/19 (202)

Revision: 2 Document ID: 7087
Legacy ID: CFL-E33Effective:

QC - Sample Duplicate

Sample ID: 25-010325-0001

Analyte	SR Result	SD Result	LOQ	Units	RPD	Limits	Accept/Fail	Notes
1,1,1-Trichloroethane	ND	ND	5	µg/g	0.0	< 20	Acceptable	
1,2-dimethoxyethane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100	µg/g	0.0	< 20	Acceptable	
1-Butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-methyl-1-propanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500	µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Carbon Tetrachloride	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	1	µg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30	µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Isobutyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200	µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500	µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Propane	ND	ND	200	µg/g	0.0	< 20	Acceptable	
Pyridine	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Sulfolane	ND	ND	50	µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100	µg/g	0.0	< 20	Acceptable	
Trichloroethylene	ND	ND	1	µg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500	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