



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

Report Number: 25-003475/D003.R000
Report Date: 04/09/2025
Purchase Order: andy040125
Received: 04/02/25 09:35 AM

Customer: Lamp Nutra
3133 Tigar Run Ct Ste 104
Carlsbad California 92010
United States of America (USA)

Sample ID: LNK-L53-B1
Sample Matrix: Kratom powder
Laboratory ID: 25-003475-0001
Evidence of Cooling: No
Temp: 16.3 °C
Serving Size #1: 2 g

Sample Results

Metals

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
Arsenic	0.109	mg/kg	0.0198	04/09/25 AOAC 2013.06 (mod.) ^p	1.50	pass	
Cadmium	< LOQ	mg/kg	0.0198	04/09/25 AOAC 2013.06 (mod.) ^p	0.500	pass	
Lead	0.676	mg/kg	0.0198	04/09/25 AOAC 2013.06 (mod.) ^p	1.00	pass	
Mercury	0.0144	mg/kg	0.00992	04/09/25 AOAC 2013.06 (mod.) ^p	0.200	pass	
Nickel	2.49	mg/kg	0.0198	04/09/25 AOAC 2013.06 (mod.) ^p	20.0	pass	

Microbiology

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
Aerobic Plate Count	400	cfu/g	100	04/05/25 AOAC 990.12 (Petrifilm) ^p	10,000,000	pass	
E.coli	< LOQ	cfu/g	100	04/05/25 AOAC 991.14 (Petrifilm) ^p	100	pass	
Total Coliforms	< LOQ	cfu/g	100	04/05/25 AOAC 991.14 (Petrifilm) ^p	10,000	pass	
Enterobacteriaceae	< LOQ	cfu/g	100	04/04/25 AOAC 2003.01 ^p	10,000	pass	
Mold (RAPID Petrifilm)	< LOQ	cfu/g	100	04/06/25 AOAC 2014.05 (RAPID) ^p	50,000	pass	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	100	04/06/25 AOAC 2014.05 (RAPID) ^p	50,000	pass	
Salmonella spp.	Negative	/25g	-	04/04/25 AOAC 2020.02 ^p	Negative	pass	

Mitragynine

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
7-Hydroxymitragynine	0.0280	%	0.0100	04/07/25 In house method by HPLC-DAD ^p			
@ 2 g	0.559	mg/2g	0.200	04/07/25 In house method by HPLC-DAD ^p			
Isorhynchophylline	< LOQ	%	0.0500	04/07/25 In house method by HPLC-DAD ^p			
Mitragynine	1.40	%	0.0500	04/07/25 In house method by HPLC-DAD ^p			
@ 2 g	28.1	mg/2g	1.00	04/07/25 In house method by HPLC-DAD ^p			

Mitragynine

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
Mitraphylline	< LOQ	%	0.0500	04/07/25 In house method by HPLC-DAD ^P			Q7
Paynantheine	0.276	%	0.0500	04/07/25 In house method by HPLC-DAD ^P			
Speciociliatine	0.272	%	0.0500	04/07/25 In house method by HPLC-DAD ^P			
Speciogynine	0.205	%	0.0500	04/07/25 In house method by HPLC-DAD ^P			
Total Alkaloids	2.18	%	-	04/09/25 In house method by HPLC-DAD ^P			Q7

Pesticides

P2250 Multi-Residue Pesticide Profile

Analyte	Result	Units	Analyzed	Method	Notes
Multi-Residue Pesticide Profile- Kratom	< LOQ for all analytes	mg/kg	04/08/25	AOAC 2007.01 ^P	

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

Glossary of Qualifiers

Q7: Quality control outside limits.

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

Units of Measure

/25g = Per 25g

cfu/g = Colony forming units per gram

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

% = Percentage of sample

Approved Signatory



Derrick Tanner
General Manager



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

Report Number: 25-004087/D001.R000
Report Date: 04/22/2025
Purchase Order: andy041525
Received: 04/16/25 09:45 AM

Customer: Lamp Nutra
3133 Tigar Run Ct Ste 104
Carlsbad California 92010
United States of America (USA)

Sample ID: LNK-L53-B2
Sample Matrix: Kratom powder
Laboratory ID: 25-004087-0001
Evidence of Cooling: No
Temp: 18.9 °C
Serving Size #1: 2 g

Sample Results

Metals

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
Arsenic	0.0900	mg/kg	0.0195	04/18/25 AOAC 2013.06 (mod.) ^b	1.50	pass	
Cadmium	0.0270	mg/kg	0.0195	04/18/25 AOAC 2013.06 (mod.) ^b	0.500	pass	
Lead	0.440	mg/kg	0.0195	04/18/25 AOAC 2013.06 (mod.) ^b	1.00	pass	
Mercury	0.0155	mg/kg	0.00974	04/18/25 AOAC 2013.06 (mod.) ^b	0.200	pass	
Nickel	3.37	mg/kg	0.0195	04/18/25 AOAC 2013.06 (mod.) ^b	20.0	pass	

Microbiology

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
Aerobic Plate Count	500	cfu/g	100	04/19/25 AOAC 990.12 (Petrifilm) ^b	10,000,000	pass	
E.coli	< LOQ	cfu/g	100	04/19/25 AOAC 991.14 (Petrifilm) ^b	100	pass	
Total Coliforms	< LOQ	cfu/g	100	04/19/25 AOAC 991.14 (Petrifilm) ^b	10,000	pass	
Enterobacteriaceae	< LOQ	cfu/g	100	04/18/25 AOAC 2003.01 ^b	10,000	pass	
Mold (RAPID Petrifilm)	< LOQ	cfu/g	100	04/20/25 AOAC 2014.05 (RAPID) ^b	50,000	pass	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	100	04/20/25 AOAC 2014.05 (RAPID) ^b	50,000	pass	
Salmonella spp.	Negative	/25g	-	04/18/25 AOAC 2020.02 ^b	Negative	pass	

Mitragynine

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
7-Hydroxymitragynine	< LOQ	%	0.0100	04/18/25 In house method by HPLC-DAD ^b			
@ 2 g	< LOQ	mg/2g	0.200	04/18/25 In house method by HPLC-DAD ^b			
Isorhynchophylline	< LOQ	%	0.0500	04/18/25 In house method by HPLC-DAD ^b			
Mitragynine	1.43	%	0.0500	04/18/25 In house method by HPLC-DAD ^b			
@ 2 g	28.7	mg/2g	1.00	04/18/25 In house method by HPLC-DAD ^b			

Mitragynine

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed	Method	Threshold	Pass/Fail	Notes
Mitraphylline	< LOQ	%	0.0500	04/18/25	In house method by HPLC-DAD ^p			
Paynantheine	0.289	%	0.0500	04/18/25	In house method by HPLC-DAD ^p			
Speciociliatine	0.299	%	0.0500	04/18/25	In house method by HPLC-DAD ^p			
Speciogynine	0.207	%	0.0500	04/18/25	In house method by HPLC-DAD ^p			
Total Alkaloids	2.23	%	-	04/22/25	In house method by HPLC-DAD ^p			

Pesticides

P2250 Multi-Residue Pesticide Profile

Analyte	Result	Units	Analyzed	Method	Notes
Multi-Residue Pesticide Profile- Kratom	< LOQ for all analytes	mg/kg	04/21/25	AOAC 2007.01 ^p	

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

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

Units of Measure

/25g = Per 25g

cfu/g = Colony forming units per gram

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

% = Percentage of sample

Approved Signatory



Derrick Tanner
General Manager

Customer: Lamp Nutra
 3133 Tigar Run Ct Ste 104
 Carlsbad California 92010
 United States of America (USA)

Sample ID: LNK-L53-B3
Sample Matrix: Kratom powder
Laboratory ID: 25-003475-0003
Evidence of Cooling: No
Temp: 16.3 °C
Serving Size #1: 2 g

Sample Results

Metals

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
Arsenic	0.0905	mg/kg	0.0183	04/08/25 AOAC 2013.06 (mod.) ^p	1.50	pass	
Cadmium	0.0252	mg/kg	0.0183	04/08/25 AOAC 2013.06 (mod.) ^p	0.500	pass	
Lead	0.661	mg/kg	0.0183	04/08/25 AOAC 2013.06 (mod.) ^p	1.00	pass	
Mercury	0.0138	mg/kg	0.00914	04/08/25 AOAC 2013.06 (mod.) ^p	0.200	pass	
Nickel	2.30	mg/kg	0.0183	04/08/25 AOAC 2013.06 (mod.) ^p	20.0	pass	

Microbiology

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
Aerobic Plate Count	500	cfu/g	100	04/05/25 AOAC 990.12 (Petrifilm) ^p	10,000,000	pass	
E.coli	< LOQ	cfu/g	100	04/05/25 AOAC 991.14 (Petrifilm) ^p	100	pass	
Total Coliforms	< LOQ	cfu/g	100	04/05/25 AOAC 991.14 (Petrifilm) ^p	10,000	pass	
Enterobacteriaceae	< LOQ	cfu/g	100	04/04/25 AOAC 2003.01 ^p	10,000	pass	
Mold (RAPID Petrifilm)	< LOQ	cfu/g	100	04/06/25 AOAC 2014.05 (RAPID) ^p	50,000	pass	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	100	04/06/25 AOAC 2014.05 (RAPID) ^p	50,000	pass	
Salmonella spp.	Negative	/25g	-	04/04/25 AOAC 2020.02 ^p	Negative	pass	

Mitragynine

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
7-Hydroxymitragynine	0.0312	%	0.0100	04/07/25 In house method by HPLC-DAD ^p			
@ 2 g	0.624	mg/2g	0.200	04/07/25 In house method by HPLC-DAD ^p			
Isorhynchophylline	< LOQ	%	0.0500	04/07/25 In house method by HPLC-DAD ^p			
Mitragynine	1.46	%	0.0500	04/07/25 In house method by HPLC-DAD ^p			
@ 2 g	29.3	mg/2g	1.00	04/07/25 In house method by HPLC-DAD ^p			

Mitragynine

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
Mitraphylline	< LOQ	%	0.0500	04/07/25 In house method by HPLC-DAD ^p			Q7
Paynantheine	0.282	%	0.0500	04/07/25 In house method by HPLC-DAD ^p			
Speciociliatine	0.338	%	0.0500	04/07/25 In house method by HPLC-DAD ^p			
Speciogynine	0.223	%	0.0500	04/07/25 In house method by HPLC-DAD ^p			
Total Alkaloids	2.33	%	-	04/09/25 In house method by HPLC-DAD ^p			Q7

Pesticides

P2250 Multi-Residue Pesticide Profile

Analyte	Result	Units	Analyzed	Method	Notes
Multi-Residue Pesticide Profile- Kratom	< LOQ for all analytes	mg/kg	04/08/25	AOAC 2007.01 ^p	

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

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Q7: Quality control outside limits.

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Units of Measure

/25g = Per 25g

cfu/g = Colony forming units per gram

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

% = Percentage of sample

Approved Signatory



Derrick Tanner
General Manager

P2250 Multi-Residue Pesticide Profile
Kratom

Analyte	LOQ (mg/kg)	Analyte	LOQ (mg/kg)	Analyte	LOQ (mg/kg)	Analyte	LOQ (mg/kg)
2,4,5-T	0.1	Bupirimate	0.1	Cyflumetofen	0.1	Dithiopyr	0.1
2,4,5-TP	0.1	Buprofezin	0.1	Cyfluthrin (sum)	0.2	Diuron	0.1
2,4-D	0.1	Butachlor	0.1	Cyhalothrin,lambda	0.1	Diuron metabolite (DCPMU)	0.1
2,4-DB	0.1	Butoxycarb	0.1	Cymoxanil	0.1	DNOC	0.1
2,4-DP	0.1	Butoxycarboxim	0.1	Cypermethrin and isomers (su m	0.1	Edifenphos	0.1
2,6-Dichlorobenzamide	0.1	Butralin	0.2	Cyprodinil	0.1	Endosulfan I (alpha)	0.2
Abamectin	0.1	Butylate	0.1	Cyromazine	0.1	Endosulfan II (beta)	0.2
Acephate	0.2	Cadusafos	0.1	DDD-o,p'	0.1	Endosulfan sulfate	0.1
Acequinocyl	0.1	Captafol	1	DDD-p,p'	0.1	Endrin	0.2
Acetamiprid	0.1	Captan	0.2	DDE-o,p'	0.1	Endrin Aldehyde	0.2
Acetochlor	0.2	Carbaryl	0.1	DDE-p,p'	0.1	EPN	0.1
Acibenzolar-S-methyl	0.1	Carbendazim	0.1	DDT-o,p'	0.1	EPTC	0.1
Acifluorfen	0.1	Carbofuran	0.1	DDT-p,p'	0.1	Esfenvalerate	0.2
Acrinathrin	0.1	Carbofuran-3-hydroxy	0.1	DEF	0.1	Etaconazole	0.1
Afidopyropen	0.1	Carbophenothion	0.1	Deltamethrin	0.1	Ethaboxam	0.1
Alachlor	0.2	Carbophenothion-methyl	0.1	Demeton	0.2	Ethalfuralin	0.1
Aldicarb	0.1	Carboxin	0.1	Demeton-S-Methyl	0.2	Ethiofencarb	0.1
Aldicarb-sulfone	0.1	Carfentrazone-ethyl	0.1	Demeton-s-methyl sulfone	0.2	Ethion	0.1
Aldicarb-sulfoxide	0.1	Chlorantranilprole	0.1	Desmedipham	0.1	Ethirimol	0.1
Aldrin	0.1	Chlordane	0.1	Diallate (DATC)	0.1	Ethofumesate	0.1
Ametoctradin	0.1	Chlordimeform	0.1	Diazinon	0.1	Ethoprophos	0.1
Ametryn	0.1	Chlorfenapyr	0.2	Diazoxon	0.1	Ethoxyquin	0.2
Aminocyclopyrachlor	0.1	Chlorfenson (ovex)	0.1	Dicamba	0.1	Etofenprox	0.1
Anilazine	0.3	Chlorfenvinphos	0.1	Dichlobenil	0.1	Etoxazole	0.1
Aspon	0.1	Chlormuron-ethyl	0.1	Dichlofenthion	0.1	Etriazole	0.1
Asulam	0.1	Chlormitofen	0.2	Dichlofluanid	0.1	Etrifos	0.1
Atrazine	0.1	Chlorobenzilate	0.1	Dichlorvos	0.1	Famoxadone	0.2
Atrazine-Desethyl	0.1	Chloroneb	0.1	Diclobutrazol	0.1	Famphur	0.1
Azadirachtin	0.1	Chlorothalonil	0.4	Diclofop	0.1	Fenamidone	0.1
Azinphos-ethyl	0.1	Chlorpropham (CIPC)	0.1	Diclofop-methyl	0.1	Fenamiphos	0.1
Azinphos-methyl	0.1	Chlorpyrifos-ethyl	0.1	Dicloran	0.4	Fenamiphos-sulfone	0.1
Azoxystrobin	0.1	Chlorpyrifos-methyl	0.1	Dicofol-o,p	0.2	Fenamiphos-sulfoxide	0.1
Benalaxyl	0.1	Chlorsulfuron	0.1	Dicofol-p,p	0.2	Fenarimol	0.1
Bendiocarb	0.1	Chlorthal-dimethyl (Dacthal)	0.1	Dicrotophos	0.1	Fenazaquin	0.1
Benfluralin	0.1	Chlorthion	0.2	Dieldrin	0.1	Fenbuconazole	0.1
Benoxacor	0.1	Chlorthiophos	0.1	Diethofencarb	0.1	Fenbutatin oxide	0.1
Bensulide	0.1	Cinerin I	0.1	Diethyltoluamide (DEET)	0.1	Fenchlorphos	0.1
Bentazone	0.1	Clethodim	0.1	Difenoconazole	0.1	Fenchlorphos-oxon	0.1
Benzovindiflupyr	0.1	Clethodim-sulfone	0.1	Diflubenzuron	0.1	Fenhexamid	0.1
BHC (α, β, γ, δ isomers)	0.1	Clethodim-sulfoxide	0.1	Diflufenzopyr	0.1	Fenitrothion	0.1
Bifenazate	0.1	Clofentezine	0.1	Dimethenamid	0.1	Fenobucarb	0.1
Bifenox	0.1	Clomazone	0.1	Dimethoate	0.1	Fenoxaprop-p-ethyl	0.1
Bifenthrin	0.1	Clopyralid	0.1	Dimethomorph	0.1	Fenoxycarb	0.1
Binapacryl	0.4	Clothianidin	0.1	Diniconazole	0.1	Fenpropathrin	0.1
Bioresmethrin	0.1	Coumaphos	0.1	Dinocap	0.1	Fenpyroximate	0.1
Bitertanol	0.2	Crotoxyphos	0.1	Dinoseb	0.1	Fenson	0.2
Boscalid	0.1	Cyanazine	0.1	Dinotefuran	0.1	Fensulfothion	0.1
Broflanilide (Cimegra)	0.1	Cyanofenphos	0.1	Dioxathion	0.1	Fenthion	0.1
Bromacil	0.2	Cyanophos	0.4	Diphenamid	0.1	Fenuron	0.1
Bromophos-ethyl	0.2	Cyantranilprole	0.1	Diphenylamine	0.1	Fipronil	0.1
Bromophos-methyl	0.1	Cyazofamid	0.1	Disulfoton	0.2	Fonicamid	0.1
Bromopropylate	0.1	Cychoate	0.1	Disulfoton-sulfone	0.1	Fluazifop	0.1
Bromoxynil	0.1	Cycloxydim	0.1	Disulfoton-Sulfoxide	0.1	Fluazinam	0.1
Bromuconazole	0.1	Cyflufenamid	0.1	Dithianon	0.1	Fluchloralin	0.1

LOQ= Limit of Quantitation
mg/kg= milligram per kilogram (ppm)

Page 1 of 3

Updated: 04.07.2025

P2250 Multi-Residue Pesticide Profile
Kratom

Analyte	LOQ (mg/kg)	Analyte	LOQ (mg/kg)	Analyte	LOQ (mg/kg)	Analyte	LOQ (mg/kg)
Flucythrinate	0.3	Isoprocarb	0.1	Nicosulfuron	0.1	Prochloraz	0.1
Fludioxonil	0.1	Isopropalin	0.1	Nitrapyrin	0.2	Procymidone	0.1
Flufenacet	0.1	Isoprothiolane	0.1	Nitrofen	0.2	Prodiamine	0.1
Flumetsulam	0.1	Isoproturon	0.1	Norflurazon	0.1	Profenofos	0.1
Flumioxazin	0.1	Isoxaben	0.1	Novaluron	0.1	Profuralin	0.1
Fluometuron	0.1	Isoxaflutole	0.1	Nuarimol	0.2	Promecarb	0.1
Fluopicolide	0.1	Jasmodin I	0.1	Omethoat	0.1	Prometon	0.1
Fluopyram	0.1	Kresoxim-methyl	0.1	o-Phenylphenol	0.5	Prometryn	0.1
Fluoxastrobin	0.1	Lactofen	0.2	Oryzalin	0.1	Pronamide (Propyzamid)	0.1
Fluprimidol	0.1	Lenacil	0.1	Oxadiazon	0.1	Propachlor	0.1
Flupyradifurone	0.1	Linuron	0.1	Oxadixyl	0.1	Propamocarb	0.1
Fluridone	0.1	Malaoxon	0.1	Oxamyl	0.1	Propanil	0.1
Fluroxypyr	0.1	Malathion	0.1	Oxamyl-Oxime	0.1	Propargite	0.1
Flusilazole	0.1	Mandestrobin	0.1	Oxathiapiprolin	0.1	Propazine	0.1
Fluthiacet-methyl	0.1	Mandipropamid	0.1	Oxychloridane	0.1	Propetamphos	0.1
Flutianil	0.1	MCPA	0.1	Oxydemeton-methyl	0.1	Propham	0.1
Flutolanil	0.1	MCPB	0.1	Oxyfluorfen	0.1	Propiconazole	0.1
Flutriafol	0.1	MCPP (Mecoprop)	0.1	Oxythioquinox	0.2	Propoxur	0.1
Fluxapyroxad	0.1	MCPP-P	0.1	Paclobutrazole	0.1	Propoxycarbazon sodium	0.1
Folpet	0.1	Mecarbam	0.1	Paraoxon-ethyl	0.1	Prosulfuron	0.1
Fomesafen	0.1	Mefenfluroconazole	0.1	Paraoxon-methyl	0.1	Prothioconazole	0.1
Fonofos	0.1	Mepanipyrim	0.1	Parathion-ethyl	0.1	Prothiofos	0.1
Foramsulfuron	0.1	Mesosulfuron	0.1	Parathion-methyl	0.3	Pydiflumetofen	0.1
Forchlorfenuron	0.1	Mesotrione	0.1	Penconazole	0.1	Pymetrozine	0.1
Formetanate	0.1	Metalaxyl	0.1	Pendimethalin	0.1	Pyraclostrobin	0.1
Furathiocarb	0.1	Metaldehyde	0.1	Penflufen	0.1	Pyraflufen-Ethyl	0.1
Halosulfuron-methyl	0.1	Metconazole	0.1	Pentachloroaniline (PCA)	0.1	Pyrazophos	0.1
Haloxypol	0.1	Methacrifos	0.1	Pentachloroanisole	0.1	Pyrethrins (total)	0.1
Heptachlor	0.1	Methamidophos	0.1	Pentachlorobenzene (PCB)	0.1	Pyridaben	0.1
Heptachlor Epoxide	0.1	Methidathion	0.1	Pentachlorophenol	0.1	Pyridate (metabolite)	0.1
Hexachlorobenzene	0.1	Methiocarb	0.1	Pentachlorothioanisole	0.3	Pyrifluquinazon	0.1
Hexaconazole	0.1	Methiocarb sulfone	0.1	Penthiopyrad	0.1	Pyrimethanil	0.1
Hexazinone	0.1	Methiocarb sulfoxide	0.1	Permethrin	0.1	Pyriproxyfen	0.1
Hexythiazox	0.1	Methiozolin	0.1	Perthane	0.1	Pyroxasulfone	0.1
Hydroprene	0.1	Methomyl	0.1	Phenmedipham	0.1	Pyroxulam	0.1
Imazalil	0.1	Methoxychlor	0.1	Phenothrin	0.1	Quinalphos	0.1
Imazamox	0.1	Methoxyfenozid	0.1	Phenthoate	0.1	Quinlorac	0.1
Imazapic	0.1	Metobromuron	0.1	Phorate	0.1	Quinoxifen	0.1
Imazapyr	0.1	Metolacarb	0.1	Phorate-sulfone	0.1	Quintozene (PCNB)	0.1
Imazaquin	0.1	Metolachlor	0.1	Phorate-sulfoxide	0.1	Quizalofop	0.1
Imazethapyr	0.1	Metrafenone	0.1	Phoratoxon (Phorate OA)	0.1	Resmethrin	0.1
Imidacloprid	0.1	Metribuzin	0.1	Phosalone	0.1	Rimsulfuron	0.1
Indaziflam	0.1	Metsulfuron-methyl	0.1	Phosmet	0.1	Rotenone	0.1
Indoxacarb	0.1	Mevinphos	0.1	Phosmet oxon	0.1	S-421	0.1
Iprobenfos	0.1	Mexacarbate	0.1	Phosphamidon	0.1	Sallufenacil	0.1
Iprodione	0.1	MGK-264	0.1	Phoxim	0.1	Sebuthylazine	0.1
Isazophos	0.1	Mirex	0.1	Picloram	0.1	Sedaxane	0.1
Isobenzan	0.1	Molinate	0.1	Pinoxaden	0.1	Sethoxydim	0.1
Isocarboxiphos	0.1	Monocrotophos	0.1	Piperonyl butoxide	0.1	Siduron	0.1
Isodrin	0.1	Monolinuron	0.1	Primicarb	0.1	Simazine	0.1
Isofenphos	0.1	Myclobutanil	0.1	Pririmphos-ethyl	0.1	Simetryn	0.1
Isofenphos-methyl	0.1	Naled	0.1	Pririmphos-methyl	0.1	Spinetoram	0.1
Isofenphos-oxon	0.1	Napropamide	0.1	Prallethrin	0.1	Spinosad	0.1
Isofetamid	0.1	Neburon	0.1	Primsulfuron-methyl	0.1	Spirodiclofen	0.1

LOQ= Limit of Quantitation
mg/kg= milligram per kilogram (ppm)

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Updated: 04.07.2025

P2250 Multi-Residue Pesticide Profile
Kratom

Analyte	LOQ (mg/kg)	Analyte	LOQ (mg/kg)
Spiromesifen	0.1	Triflumizole	0.1
Spirotetramat	0.1	Trifluralin	0.1
Spirotetramat enol	0.1	Triflusulfuron-methyl	0.1
Spiroxamine	0.1	Triforine	0.1
Sulfallate	0.1	Trinexapac-ethyl	0.1
Sulfentrazone	0.3	Triticonazole	0.1
Sulfometuron-methyl	0.1	Vinclozolin	0.1
Sulfosulfuron	0.1	Zoxamide	0.1
Sulfotep	0.1		
Sulfoxaflor	0.1		
Sulprofos	0.1		
Tau-fluvalinate	0.1		
Tebuconazole	0.1		
Tebufenozide	0.1		
Tebuthiuron	0.1		
Tecnazene	0.1		
Tefluthrin	0.1		
Tembotrione	0.1		
Terbacil	0.4		
Terbufos	0.1		
Terbufos-sulfone	0.1		
Terbufos-Sulfoxide	0.1		
Terbutylazine	0.1		
Terbutryn	0.1		
Tetrachlorvinphos	0.1		
Tetraconazole	0.1		
Tetradifon	0.1		
Tetramethrin	0.1		
Tetrasul	0.1		
Thiabendazol 5 hydroxy	0.1		
Thiabendazole	0.1		
Thiacloprid	0.1		
Thiamethoxam	0.1		
Thifensulfuron-methyl	0.1		
Thiobencarb	0.1		
Thiodicarb	0.1		
Thiometon	0.2		
Thionazin	0.1		
Thiophanate-methyl	0.1		
Tolclofos-methyl	0.1		
Tolfenpyrad	0.1		
Tolyfluanid	0.1		
Topramezone	0.1		
Tralkoxydim	0.1		
Triadimefon	0.1		
Triadimenol	0.1		
Triallate	0.1		
Triasulfuron	0.1		
Triazophos	0.1		
Tribenuron-methyl	0.1		
Trichlorfon (Metrifonate)	0.1		
Triclopyr	0.2		
Trifloxystrobin	0.1		
Trifloxysulfuron	0.1		

LOQ= Limit of Quantitation
mg/kg= milligram per kilogram (ppm)

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Updated: 04.07.2025



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

Report Number: 25-003475/D003.R000
Report Date: 04/09/2025
Purchase Order: andy040125
Received: 04/02/25 09:35 AM



**Kratom
Chain of Custody**

Lamp-Nutra-1743543652

Company Details						Project Details		Testing					
Company: Lamp Nutra Contact: Andy Reed Street Address: 3133 Tiger Run Court ste 105 City, State, Zip: Carlsbad, CA 92010 Email: areed@lampnutra.com Contact Phone: 7602088909 Company Phone: 4423255166 Billing Information Billing Phone: 4423255166 Billing Email: areed@lampnutra.com						Turnaround Time: 5 Business Days (Standard) Sample Relinquishment Options: By Shipping Service (USPS, UPS, FedEx) PO Number: andy040125 Report Type: All Samples on Individual Reports Receipt Information Evidence of Cooling?: No Sample Condition: Satisfactory Prelog Storage: Food Shelves		S3500 - Kratom Quality & Safety Expanded	P2250 - Multi-Residue Pesticide Profile (Kratom)				
#	Sample Name	Material	Amount Provided	Reporting Unit	Serving Size	Additional Test Requests and Sample Comments							
1	LNK-L53-B1	Kratom powder	90 g	mg/g & mg/serving	2 g	Please put thresholds for metals and microbios	✓			✓			
2	LNK-L53-B2	Kratom powder	90 g	mg/g & mg/serving	2 g	Please put thresholds for metals and microbios	✓	✓					
3	LNK-L53-B3	Kratom powder	90 g	mg/g & mg/serving	2 g	Please put thresholds for metals and microbios	✓	✓					

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	IR Therm. CL #
Andy Reed	04/01/2025	14:40	andy	04/02/2025	09:35	16.3	CL-0530

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the [current terms of service](#), 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

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