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CERTIFICATE OF ANALYSIS

Client information

Lake of Woods Bud Company
4582 Highway 17
Kirkup, Canada, P0X 1H0

COA information

COA number	**231124_84683_PAR23554**
COA Date	**24-Nov-2023**
Analysis Request ID	**PAR23554**

Sample information

Sample Name	**1892**	Sample Receiving Date	**21-Nov-2023**
Sample ID	**Lot1 Batch 2**	Receiving Temperature	**21°C**
Laboratory ID	**PAT71036**		

Results information

Analysis Date	Test	Method Ref.	Results	Units
23-Nov-2023	**Moisture**	PAT-AM-023(USP <731>)	**13.83**	%

Authorized by: Laboratory Manager

Signature:

Details of testing

1. *Results only apply to the items tested and to the sample(s) as received.*
2. *This report may not be distributed or reproduced except in full.*

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Sample information

Sample Name	**1892**	Sample Receiving Date	**21-Nov-2023**
Sample ID	**Lot1 Batch 2**	Receiving Temperature	**21°C**
Laboratory ID	**PAT71036**	Analysis Date	**22-Nov-2023**
Method Ref.	**PAT-AM-019**		

Cannabinoids Profile

Compounds	Results (%w/w)	Results (mg/g)	LOQ(%)
CBC	<0.050	<0.500	0.050
CBD	<0.050	<0.500	0.050
CBDA	<0.050	<0.500	0.050
CBDV	<0.050	<0.500	0.050
CBG	0.109	1.090	0.050
CBGA	0.981	9.810	0.050
CBN	<0.050	<0.500	0.050
D8-THC	<0.050	<0.500	0.050
D9-THC	0.631	6.310	0.050
THCA-A	23.758	237.580	0.050
THCV	<0.050	<0.500	0.050
Total THC	**21.467**	**214.668**	
Total CBD	**<LOQ**	**<LOQ**	

21.467%
Total THC

<LOQ%
Total CBD

Total THC = THC + (THCA*0.877), Total CBD = CBD + (CBDA*0.877)
Total THC/CBD is calculated using the formulas to take into account the loss of carboxyl group during decarboxylation step.

Authorized by: Laboratory Manager

Signature:

Details of testing

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CERTIFICATE OF ANALYSIS

Client information

Lake of Woods Bud Company
4582 Highway 17
Kirkup, Canada, P0X 1H0

COA information

COA number	**231127_84889_PAR23554**
COA Date	**27-Nov-2023**
Analysis Request ID	**PAR23554**

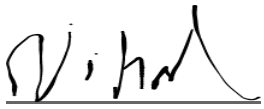
Sample information

Sample Name	**1892**	Sample Receiving Date	**21-Nov-2023**
Sample ID	**Lot1 Batch 2**	Receiving Temperature	**21°C**
Laboratory ID	**PAT71036**	Analysis Date	**27-Nov-2023**
Method Ref.	**PAT-AM-020 (USP 233 Modified)**		

Results Information

Heavy Metals	Results	Unit	Specification (USP 232 Inhalation Limits)	Compliance	LOQ
Arsenic	**<0.025**	ppm	<= 0.2	PASS	0.025
Cadmium	**0.023**	ppm	<= 0.3	PASS	0.02
Lead	**<0.010**	ppm	<= 0.5	PASS	0.01
Mercury	**<0.005**	ppm	<= 0.1	PASS	0.005

Authorized by: Laboratory Manager

Signature: 

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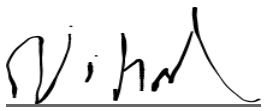
Sample information

Sample Name	**1892**	Sample Receiving Date	**21-Nov-2023**
Sample ID	**Lot1 Batch 2**	Receiving Temperature	**21°C**
Laboratory ID	**PAT71036**	Analysis Date	**24-Nov-2023**
Method Ref.	**PAT-AM-024**		

Results Information

Aflatoxins	Results	Unit	Specification (EP 2.8.18)	Compliance	LOQ
Aflatoxin B1	**<0.002**	ppm	< 0.002	PASS	0.002 ppm
Aflatoxin B2	**<0.002**	ppm	< 0.002	PASS	0.002 ppm
Aflatoxin G1	**<0.002**	ppm	< 0.002	PASS	0.002 ppm
Aflatoxin G2	**<0.002**	ppm	< 0.002	PASS	0.002 ppm
Total Aflatoxins (B1,B2,G1,G2)	**<0.002**	ppm	< 0.004	PASS	0.002 ppm

Authorized by: Laboratory Manager

Signature: 

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Sample information

Sample Name	**1892**	Sample Receiving Date	**21-Nov-2023**
Sample ID	**Lot1 Batch 2**	Receiving Temperature	**21°C**
Laboratory ID	**PAT71036**	Analysis Date	**24-Nov-2023**
Method Ref.	**PAT-AM-022**		

Terpenes Profile

Compounds	Results (%w/w)	Results (mg/g)	LOQ(%)
beta-Myrcene	0.507	5.070	0.001
D-Limonene	0.398	3.980	0.001
beta-Caryophyllene	0.370	3.700	0.001
alpha-Pinene	0.168	1.680	0.001
beta-Pinene	0.137	1.370	0.001
alpha-Humulene	0.127	1.270	0.001
Farnesene 4	0.118	1.180	0.005
Selina-3,7(11)-diene	0.116	1.160	0.001
Linalool	0.092	0.920	0.001
Farnesene 1	0.064	0.640	0.005
1R-endo-Fenchyl-Alcohol	0.050	0.500	0.001
Farnesene 3	0.049	0.490	0.005
beta-Selinene	0.041	0.410	0.001
trans-beta-Farnesene	0.038	0.380	0.001
alpha-Selinene	0.036	0.360	0.001
trans-beta-Ocimene	0.036	0.360	0.001
alpha-Terpineol	0.035	0.350	0.001
(-)-alpha-Bisabolol	0.026	0.260	0.001
trans-Nerolidol	0.019	0.190	0.001
Camphene	0.014	0.140	0.001
Caryophyllene Oxide	0.013	0.130	0.001
Farnesol 2	0.009	0.090	0.001
Nerol	0.009	0.090	0.001
(-)-Isopulegol	0.007	0.070	0.001
Fenchone	0.006	0.060	0.001
alpha-Cedrene	0.005	0.050	0.001
Cedrol	0.005	0.050	0.001
cis-beta-Ocimene	<0.005	<0.050	0.005
Farnesene 2	<0.005	<0.050	0.005
Farnesene 5	<0.005	<0.050	0.005
Geraniol	0.005	0.050	0.001
Squalene	0.005	0.050	0.001
Terpinen-4-ol/D-Isomenthone	0.005	0.050	0.001
Terpinolene	0.005	0.050	0.001
trans-Citral	0.005	0.050	0.001
Nootkatone	0.003	0.030	0.001
Octyl Acetate	0.003	0.030	0.001
Safranal	0.003	0.030	0.001
Camphor	0.002	0.020	0.001
Carvone	0.002	0.020	0.001

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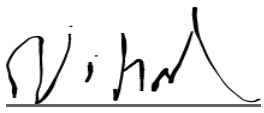
Compounds	Results (%w/w)	Results (mg/g)	LOQ(%)
gamma-Terpinene	0.002	0.020	0.001
Sabinene Hydrate	0.002	0.020	0.001
Valencene	0.002	0.020	0.001
(-)-Guaiol	0.001	0.010	0.001
1,8-Cineole (Eucalyptol)	0.001	0.010	0.001
alpha-Phellandrene	<0.001	<0.010	0.001
alpha-Terpinene	0.001	0.010	0.001
alpha-Thujone	<0.001	<0.010	0.001
Borneol	0.001	0.010	0.001
Carvacrol	<0.001	<0.010	0.001
cis-Citral	<0.001	<0.010	0.001
cis-Nerolidol	<0.001	<0.010	0.001
Citronellol	<0.001	<0.010	0.001
delta-3-Carene	<0.001	<0.010	0.001
Farnesol 1	<0.001	<0.010	0.001
Geranyl Acetate	<0.001	<0.010	0.001
Isoborneol	<0.001	<0.010	0.001
Isobornyl Acetate	<0.001	<0.010	0.001
L-Menthone	<0.001	<0.010	0.001
Menthol	<0.001	<0.010	0.001
m-Isopropyltoluene	<0.001	<0.010	0.001
o-Isopropyltoluene	<0.001	<0.010	0.001
Phytane	<0.001	<0.010	0.001
Piperitone	0.001	0.010	0.001
p-Isopropyltoluene	<0.001	<0.010	0.001
Pulegone	<0.001	<0.010	0.001
Sabinene	<0.001	<0.010	0.001
Thymol	<0.001	<0.010	0.001
Verbenone	<0.001	<0.010	0.001
Total Terpenes	**2.544**	**25.440**	

Authorized by: Laboratory Manager

Signature: 

Details of testing

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Sample information

Sample Name	**1892**	Sample Receiving Date	**21-Nov-2023**
Sample ID	**Lot1 Batch 2**	Receiving Temperature	**21°C**
Laboratory ID	**PAT71036**	Analysis Date	**24-Nov-2023**
Method Ref.	**PAT-AM-024**		

Pesticides Dried Cannabis Results Information

Compound Detected	Results (ppm)	LOQ	HC LOQ Limits	Compliance
No Compounds Detected				

Compounds Not Detected	Results (ppm)	LOQ	HC LOQ Limits	Compliance
Abamectin	ND	0.02	< 0.1	PASS
Acephate	ND	0.02	< 0.02	PASS
Acequinocyl	ND	0.02	< 0.03	PASS
Acetamiprid	ND	0.02	< 0.1	PASS
Aldicarb	ND	0.02	< 1	PASS
Allethrin	ND	0.02	< 0.2	PASS
Azadirachtin	ND	0.02	< 1	PASS
Azoxystrobin	ND	0.01	< 0.02	PASS
Benzovindiflupyr	ND	0.01	< 0.02	PASS
Bifenazate	ND	0.02	< 0.02	PASS
Bifenthrin	ND	0.02	< 1	PASS
Boscalid	ND	0.01	< 0.02	PASS
Buprofezin	ND	0.01	< 0.02	PASS
Carbaryl	ND	0.02	< 0.05	PASS
Carbofuran	ND	0.01	< 0.02	PASS
Chlorantraniliprole	ND	0.01	< 0.02	PASS
Chlorphenapyr	ND	0.05	< 0.05	PASS
Chlorpyrifos	ND	0.01	< 0.04	PASS
Clofentezine	ND	0.01	< 0.02	PASS
Clothianidin	ND	0.02	< 0.05	PASS
Coumaphos	ND	0.01	< 0.02	PASS
Cyantraniliprole	ND	0.01	< 0.02	PASS
Cyfluthrin	ND	0.1	< 0.2	PASS
Cypermethrin	ND	0.02	< 0.3	PASS
Cyprodinil	ND	0.02	< 0.25	PASS
Daminozide	ND	0.05	< 0.1	PASS
Deltamethrin	ND	0.02	< 0.5	PASS
Diazinon	ND	0.01	< 0.02	PASS
Dichlorvos	ND	0.02	< 0.1	PASS
Dimethoate	ND	0.01	< 0.02	PASS
Dimethomorph	ND	0.02	< 0.05	PASS
Dinotefuran	ND	0.02	< 0.1	PASS
Dodemorph	ND	0.02	< 0.05	PASS
Endosulfan sulfate	ND	0.02	< 0.05	PASS
Endosulfan-alpha	ND	0.1	< 0.2	PASS
Endosulfan-beta	ND	0.01	< 0.05	PASS
Ethoprophos	ND	0.01	< 0.02	PASS
Etofenprox	ND	0.01	< 0.05	PASS

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Compounds Not Detected	Results (ppm)	LOQ	HC LOQ Limits	Compliance
Etoxazole	ND	0.01	< 0.02	PASS
Etridiazole	ND	0.01	< 0.03	PASS
Fenoxycarb	ND	0.01	< 0.02	PASS
Fenpyroximate	ND	0.02	< 0.02	PASS
Fensulfothion	ND	0.01	< 0.02	PASS
Fenthion	ND	0.01	< 0.02	PASS
Fenvalerate	ND	0.05	< 0.1	PASS
Fipronil	ND	0.01	< 0.06	PASS
Flonicamid	ND	0.02	< 0.05	PASS
Fludioxonil	ND	0.01	< 0.02	PASS
Fluopyram	ND	0.01	< 0.02	PASS
Hexythiazox	ND	0.01	< 0.01	PASS
Imazalil	ND	0.01	< 0.05	PASS
Imidacloprid	ND	0.01	< 0.02	PASS
Iprodione	ND	0.5	< 1	PASS
Kinoprene	ND	0.05	< 0.5	PASS
Kresoxim-methyl	ND	0.01	< 0.02	PASS
Malathion	ND	0.01	< 0.02	PASS
Metalaxyl	ND	0.01	< 0.02	PASS
Methiocarb	ND	0.01	< 0.02	PASS
Methomyl	ND	0.02	< 0.05	PASS
Methoprene	ND	0.5	< 2	PASS
Mevinphos	ND	0.02	< 0.05	PASS
MGK-264	ND	0.02	< 0.05	PASS
Myclobutanil	ND	0.01	< 0.02	PASS
Naled	ND	0.02	< 0.1	PASS
Novaluron	ND	0.02	< 0.05	PASS
Oxamyl	ND	0.02	< 3	PASS
Paclobutrazol	ND	0.01	< 0.02	PASS
Parathion-methyl	ND	0.02	< 0.05	PASS
Permethrin	ND	0.1	< 0.5	PASS
Phenothrin	ND	0.02	< 0.05	PASS
Phosmet	ND	0.01	< 0.02	PASS
Piperonyl butoxide	ND	0.02	< 0.2	PASS
Pirimicarb	ND	0.01	< 0.02	PASS
Prallethrin	ND	0.02	< 0.05	PASS
Propiconazole	ND	0.01	< 0.1	PASS
Propoxur	ND	0.01	< 0.02	PASS
Pyraclostrobin	ND	0.01	< 0.02	PASS
Pyrethrins	ND	0.025	< 0.05	PASS
Pyridaben	ND	0.02	< 0.05	PASS
Quintozene	ND	0.01	< 0.02	PASS
Resmethrin	ND	0.02	< 0.1	PASS
Spinetoram	ND	0.01	< 0.02	PASS
Spinosad	ND	0.01	< 0.1	PASS
Spirodiclofen	ND	0.02	< 0.25	PASS
Spiromesifen	ND	0.02	< 3	PASS
Spirotetramat	ND	0.02	< 0.02	PASS
Spiroxamine	ND	0.01	< 0.1	PASS
Tebuconazole	ND	0.01	< 0.05	PASS
Tebufenozide	ND	0.01	< 0.02	PASS

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Compounds Not Detected	Results (ppm)	LOQ	HC LOQ Limits	Compliance
Teflubenzuron	ND	0.02	< 0.05	PASS
Tetrachlorvinphos	ND	0.01	< 0.02	PASS
Tetramethrin	ND	0.02	< 0.1	PASS
Thiacloprid	ND	0.01	< 0.02	PASS
Thiamethoxam	ND	0.01	< 0.02	PASS
Thiophanate-methyl	ND	0.02	< 0.05	PASS
Trifloxystrobin	ND	0.01	< 0.02	PASS

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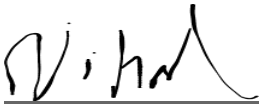
Signature: 

Details of testing

1. *ppm (w/w): parts per million by weight, MRL: Maximum residue limits, RDL: Reporting detection limits*
2. *The compounds are ND (not detected) at or above the RDL*
3. *Health Canada and/or United States MRL are taken from Health Canada & Global MRL Database (where applicable) on the date of COA preparation*
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