

Sarah Hill  
 2238046 Alberta LTD  
 450153 82 Street Se  
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 403-681-9160



Standards Council of Canada  
 Conseil canadien des normes



A43, 64089 393 Ave E  
 Okotoks, Alberta  
 T1S 0L1  
 Tel 1-403-973-5316

PRODUCT DESCRIPTION:  
 PEANUT BUTTER BREATH  
 BULK DRIED FLOWER

LOT ID: 0623-001  
 Release Date: 23-OCT-2023  
 Name: D.Lauzon  
 Signature: *D.Lauzon*  
 Position: QAP

# Certificate of Analysis

**Sample Number:** 007318  
**Version Number:**

Sample Receipt Date: 23-Oct-05  
 Testing Completed Date: 23-Oct-13  
 Report Date: 23-Oct-13  
 Customer Reference Number: 0623-001 PBB  
 Sample Type: Cannabis Dried Flower  
 Remarks:

## Results:

### Summary

Parameter	Result	Units
<b>Total THC</b>	<b>27.531</b>	<b>%</b>
<b>Total THC</b>	<b>275.31</b>	<b>mg/</b>
<b>Total CBD</b>	<b>0.050</b>	<b>g</b>
<b>Moisture</b>	<b>13</b>	<b>%</b>
<b>Total Terpenes</b>	<b>3.62</b>	<b>%</b>

### Aflatoxins - adapted from USP 561

Parameter	Result	Units	RL	Comments	QASM
Aflatoxin B1	<RL	µg/Kg	1		QASM028
Aflatoxins B1, B2, G1, G2 - Total	<RL	µg/Kg	4		QASM028

Signed On Behalf Of QAS Ltd:

S. Gardner  
 Lab Manager

Checked by:

P. Kemp  
 Senior Analyst

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Total THC	275.31	mg/
Total CBD	0.050	g
Moisture	13	%
Total Terpenes	3.62	%
		%

#### Cannabinoids (Potency) - Method Basis EP 2.2.29

Parameter	Result	Units	RL	Comments	QASM
Cannabidiol - CBD	<RL	mg/g	0.01		QASM025
Cannabidiolic acid - CBDA	0.57	mg/g	0.01		QASM025
Cannabinol - CBN	<RL	mg/g	0.01		QASM025
Cannabinolic Acid - CBNA	0.91	mg/g	0.01		QASM025
Tetrahydrocannabinolic acid THCA-A	311.89	mg/g	0.01		QASM025
$\Delta$ 8-Tetrahydrocannabinol- $\Delta$ 8 THC	0.44	mg/g	0.01		QASM025
$\Delta$ 9-Tetrahydrocannabinol- $\Delta$ 9 THC	1.78	mg/g	0.01		QASM025

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Total CBD	0.050	g
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Total Terpenes	3.62	%

#### Foreign Matter - Method Basis EP 2.8.2

Parameter	Result	Units	RL	Comments	QASM
Foreign Matter	0	%	None		QASM029

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Total CBD	0.050	%
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Total Terpenes	3.62	%

#### HC - Microbiology

Parameter	Result	Units	RL	Comments	QASM
Bile Tolerant Gram Negative Count	40	cfu/g	10		QASM036
Escherichia coli	Absent in 1g	cfu/g	1		QASM036
Pseudomonas aeruginosa	Absent in 1g	cfu/g	1		QASM036
Salmonella spp.	Absent in 25g	cfu/g	1		QASM036
Staphylococcus aureus	Absent in 1g	cfu/g	1		QASM036
Total Aerobic Count	10000	cfu/g	10		QASM036
Total Yeast & Mold Count	37000	cfu/g	10		QASM036

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Total Terpenes	3.62	%
		%

#### Heavy Metals - Method Basis EP 2.4.27

Parameter	Result	Units	RL	Comments	QASM
Arsenic	<RL	mg/Kg	0.025		QASM011
Cadmium	<RL	mg/Kg	0.02		QASM011
Lead	<RL	mg/Kg	0.01		QASM011
Mercury	<RL	mg/Kg	0.01		QASM011

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Total CBD	0.050	g
Moisture	13	%
Total Terpenes	3.62	%

#### Moisture - Method Basis EP 2.2.32

Parameter	Result	Units	RL	Comments	QASM
Moisture	13	%	None		QASM027

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Total CBD	0.050	g
Moisture	13	%
Total Terpenes	3.62	%

#### Pesticides - Method Basis EP 2.8.13

Parameter	Result	Units	RL	Comments	QASM
Abamectin	<RL	mg/Kg	0.05		QASM028
Acephate	<RL	mg/Kg	0.01		QASM028
Acequinocyl	<RL	mg/Kg	0.01		QASM028
Acetamiprid	<RL	mg/Kg	0.01		QASM028
Aldicarb	<RL	mg/Kg	0.01		QASM028
Allethrin	<RL	mg/Kg	0.05		QASM028
Azadirachtin	<RL	mg/Kg	0.1		QASM028
Azoxystrobin	<RL	mg/Kg	0.01		QASM028
Benzovindiflupyr	<RL	mg/Kg	0.01		QASM028
Bifenazate	<RL	mg/Kg	0.01		QASM028
Bifenthrin	<RL	mg/Kg	0.01		QASM028
Boscalid	<RL	mg/Kg	0.01		QASM028
Buprofezin	<RL	mg/Kg	0.01		QASM028

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Total CBD	0.050	g
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Total Terpenes	3.62	%

#### Pesticides - Method Basis EP 2.8.13

Parameter	Result	Units	RL	Comments	QASM
Carbaryl	<RL	mg/Kg	0.01		QASM028
Carbofuran	<RL	mg/Kg	0.01		QASM028
Chlorantraniliprole	<RL	mg/Kg	0.01		QASM028
Chlorfenapyr	<RL	mg/Kg	0.01		QASM028
Chlorpyrifos	<RL	mg/Kg	0.01		QASM028
Clofentezine	<RL	mg/Kg	0.01		QASM028
Clothianidin	<RL	mg/Kg	0.01		QASM028
Coumaphos	<RL	mg/Kg	0.01		QASM028
Cyantraniliprole	<RL	mg/Kg	0.01		QASM028
Cyfluthrin	<RL	mg/Kg	0.1		QASM028
Cypermethrin	<RL	mg/Kg	0.1		QASM028
Cyprodinil	<RL	mg/Kg	0.01		QASM028
Daminozide	<RL	mg/Kg	0.01		QASM028

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#### Pesticides - Method Basis EP 2.8.13

Parameter	Result	Units	RL	Comments	QASM
Deltamethrin	<RL	mg/Kg	0.05		QASM028
Diazinon	<RL	mg/Kg	0.01		QASM028
Dichlorvos	<RL	mg/Kg	0.01		QASM028
Dimethoate	<RL	mg/Kg	0.01		QASM028
Dimethomorph	<RL	mg/Kg	0.01		QASM028
Dinotefuran	<RL	mg/Kg	0.05		QASM028
Dodemorph	<RL	mg/Kg	0.01		QASM028
Endosulfan sulfate	<RL	mg/Kg	0.01		QASM028
Endosulfan-alpha	<RL	mg/Kg	0.01		QASM028
Endosulfan-beta	<RL	mg/Kg	0.01		QASM028
Ethoprophos	<RL	mg/Kg	0.01		QASM028
Etofenprox	<RL	mg/Kg	0.01		QASM028
Etoxazole	<RL	mg/Kg	0.01		QASM028

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#### Pesticides - Method Basis EP 2.8.13

Parameter	Result	Units	RL	Comments	QASM
Etridiazole	<RL	mg/Kg	0.01		QASM028
Fenoxycarb	<RL	mg/Kg	0.01		QASM028
Fenpyroximate	<RL	mg/Kg	0.01		QASM028
Fensulfothion	<RL	mg/Kg	0.01		QASM028
Fenthion	<RL	mg/Kg	0.01		QASM028
Fenvalerate	<RL	mg/Kg	0.01		QASM028
Fipronil	<RL	mg/Kg	0.01		QASM028
Fonicamid	<RL	mg/Kg	0.01		QASM028
Fludioxonil	<RL	mg/Kg	0.01		QASM028
Fluopyram	<RL	mg/Kg	0.01		QASM028
Hexythiazox	<RL	mg/Kg	0.01		QASM028
Imazalil	<RL	mg/Kg	0.01		QASM028
Imidacloprid	<RL	mg/Kg	0.01		QASM028

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Total Terpenes	3.62	%

#### Pesticides - Method Basis EP 2.8.13

Parameter	Result	Units	RL	Comments	QASM
Iprodione	<RL	mg/Kg	0.5		QASM028
Kinoprene	<RL	mg/Kg	0.01		QASM028
Kresoxim-methyl	<RL	mg/Kg	0.01		QASM028
Malathion	<RL	mg/Kg	0.01		QASM028
Metalaxyl	<RL	mg/Kg	0.01		QASM028
Methiocarb	<RL	mg/Kg	0.01		QASM028
Methomyl	<RL	mg/Kg	0.01		QASM028
Methoprene	<RL	mg/Kg	0.01		QASM028
Mevinphos	<RL	mg/Kg	0.01		QASM028
MGK-264	<RL	mg/Kg	0.01		QASM028
Myclobutanil	<RL	mg/Kg	0.01		QASM028
Naled	<RL	mg/Kg	0.01		QASM028
Novaluron	<RL	mg/Kg	0.01		QASM028

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#### Pesticides - Method Basis EP 2.8.13

Parameter	Result	Units	RL	Comments	QASM
Oxamyl	<RL	mg/Kg	0.01		QASM028
Paclobutrazol	<RL	mg/Kg	0.01		QASM028
Parathion-methyl	<RL	mg/Kg	0.01		QASM028
Permethrin	<RL	mg/Kg	0.01		QASM028
Phenothrin	<RL	mg/Kg	0.01		QASM028
Phosmet	<RL	mg/Kg	0.01		QASM028
Piperonyl butoxide	<RL	mg/Kg	0.01		QASM028
Pirimicarb	<RL	mg/Kg	0.01		QASM028
Prallethrin	<RL	mg/Kg	0.01		QASM028
Propiconazole	<RL	mg/Kg	0.01		QASM028
Propoxur	<RL	mg/Kg	0.01		QASM028
Pyraclostrobin	<RL	mg/Kg	0.01		QASM028
Pyrethrins	<RL	mg/Kg	0.01		QASM028

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Total CBD	0.050	g
Moisture	13	%
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#### Pesticides - Method Basis EP 2.8.13

Parameter	Result	Units	RL	Comments	QASM
Pyridaben	<RL	mg/Kg	0.01		QASM028
Quintozene	<RL	mg/Kg	0.01		QASM028
Resmethrin	<RL	mg/Kg	0.01		QASM028
Spinetoram	<RL	mg/Kg	0.01		QASM028
Spinosad	<RL	mg/Kg	0.01		QASM028
Spirodiclofen	<RL	mg/Kg	0.01		QASM028
Spiromesifen	<RL	mg/Kg	0.01		QASM028
Spirotetramat	<RL	mg/Kg	0.01		QASM028
Spiroxamine	<RL	mg/Kg	0.01		QASM028
Tebuconazole	<RL	mg/Kg	0.01		QASM028
Tebufenozide	<RL	mg/Kg	0.01		QASM028
Teflubenzuron	<RL	mg/Kg	0.01		QASM028
Tetrachlorvinphos	<RL	mg/Kg	0.01		QASM028

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## Certificate of Analysis

**Sample Number:** 007318  
**Version Number:**

Sample Receipt Date: 23-Oct-05  
 Testing Completed Date: 23-Oct-13  
 Report Date: 23-Oct-13  
 Customer Reference Number: 0623-001 PBB  
 Sample Type: Cannabis Dried Flower  
 Remarks:

### Results:

#### Summary

Parameter	Result	Units
Total THC	27.531	%
Total THC	275.31	mg/
Total CBD	0.050	g
Moisture	13	%
Total Terpenes	3.62	%
		%

#### Pesticides - Method Basis EP 2.8.13

Parameter	Result	Units	RL	Comments	QASM
Tetramethrin	<RL	mg/Kg	0.01		QASM028
Thiacloprid	<RL	mg/Kg	0.01		QASM028
Thiamethoxam	<RL	mg/Kg	0.01		QASM028
Thiophanate-methyl	<RL	mg/Kg	0.01		QASM028
Trifloxystrobin	<RL	mg/Kg	0.01		QASM028

Signed On Behalf Of QAS Ltd:

S. Gardner  
 Lab Manager

Checked by:

P. Kemp  
 Senior Analyst

Notes:

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#### Terpenes - Method Basis EP 2.2.28/2.2.43

Parameter	Result	Units	RL	Comments	QASM
trans-Caryophyllene	15437	mg/Kg	50		QASM024
alpha-Humulene	6691	mg/Kg	50		QASM024
Limonene	5510	mg/Kg	50		QASM024
beta-Myrcene	2296	mg/Kg	50		QASM024
Linalool	2220	mg/Kg	50		QASM024
alpha-Bisabolol	1733	mg/Kg	50		QASM024
beta-Pinene	1088	mg/Kg	50		QASM024
alpha-Pinene	575	mg/Kg	50		QASM024
Terpineol (mix of isom...	488	mg/Kg	50		QASM024
Camphene	178	mg/Kg	50		QASM024
3-Carene	<RL	mg/Kg	50		QASM024
alpha-Cedrene	<RL	mg/Kg	50		QASM024
Alpha-Terpinene	<RL	mg/Kg	50		QASM024

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#### Terpenes - Method Basis EP 2.2.28/2.2.43

Parameter	Result	Units	RL	Comments	QASM
alpha-Thujone	<RL	mg/Kg	50		QASM024
Borneol (mix of isomers)	<RL	mg/Kg	50		QASM024
Camphor (mix of isomers)	<RL	mg/Kg	50		QASM024
Carvacrol	<RL	mg/Kg	50		QASM024
Carvone	<RL	mg/Kg	50		QASM024
Caryophyllene Oxide	<RL	mg/Kg	50		QASM024
Cedrol	<RL	mg/Kg	50		QASM024
cis-Nerolidol	<RL	mg/Kg	50		QASM024
Citral	<RL	mg/Kg	50		QASM024
Citronellol	<RL	mg/Kg	50		QASM024
d-Valerolactum	<RL	mg/Kg	50		QASM024
Eucalyptol	<RL	mg/Kg	50		QASM024
Farnesol-1	<RL	mg/Kg	50		QASM024

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#### Terpenes - Method Basis EP 2.2.28/2.2.43

Parameter	Result	Units	RL	Comments	QASM
Farnesol-2	<RL	mg/Kg	50		QASM024
Fenchol	<RL	mg/Kg	50		QASM024
Fenchone (mix of isomers)	<RL	mg/Kg	50		QASM024
gamma-Terpinene	<RL	mg/Kg	50		QASM024
Geraniol	<RL	mg/Kg	50		QASM024
Geranyl Acetate	<RL	mg/Kg	50		QASM024
Guaiol	<RL	mg/Kg	50		QASM024
Isoborneol	<RL	mg/Kg	50		QASM024
Isobornyl-acetate	<RL	mg/Kg	50		QASM024
Isopulegol	<RL	mg/Kg	50		QASM024
m-Cymene	<RL	mg/Kg	50		QASM024
Menthol	<RL	mg/Kg	50		QASM024
Menthone	<RL	mg/Kg	50		QASM024

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#### Terpenes - Method Basis EP 2.2.28/2.2.43

Parameter	Result	Units	RL	Comments	QASM
Nerol	<RL	mg/Kg	50		QASM024
Nootkatone	<RL	mg/Kg	50		QASM024
Ocimene	<RL	mg/Kg	50		QASM024
Octyl-acetate	<RL	mg/Kg	50		QASM024
o-Cymene	<RL	mg/Kg	50		QASM024
p-Cymene	<RL	mg/Kg	50		QASM024
Phellandrene	<RL	mg/Kg	50		QASM024
Phytane	<RL	mg/Kg	50		QASM024
Piperitone	<RL	mg/Kg	50		QASM024
Pulegone	<RL	mg/Kg	50		QASM024
Sabinene	<RL	mg/Kg	50		QASM024
Sabinene Hydrate	<RL	mg/Kg	50		QASM024
Safranol	<RL	mg/Kg	50		QASM024

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#### Terpenes - Method Basis EP 2.2.28/2.2.43

Parameter	Result	Units	RL	Comments	QASM
Squalene	<RL	mg/Kg	50		QASM024
Terpinen-4-ol	<RL	mg/Kg	50		QASM024
Terpinolene	<RL	mg/Kg	50		QASM024
Thymol	<RL	mg/Kg	50		QASM024
trans-b-farnesene	<RL	mg/Kg	50		QASM024
trans-Nerolidol	<RL	mg/Kg	50		QASM024
Valencene	<RL	mg/Kg	50		QASM024
Verbenone	<RL	mg/Kg	50		QASM024

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