



# BLUE SKY ANALYTICAL LABS

Blue Sky Analytical Labs  
Office: SA9446, Science Commons  
4401 University Drive W  
Lethbridge, AB, T1K 3M4  
Phone: 403-915-3881  
info@blueskyanalytics.ca  
www.blueskyanalytics.ca

### Customer Contact

Dylan King  
604-897-7117  
dylan@pistolandparis.com

### Sample(s) Received

June 21<sup>st</sup> 2023

### Analysis Type(s)

Potency by HPLC-DAD

### Order#

1224

### Report#

Results-1224-HF0523001

### Report Date

June 22<sup>nd</sup> 2023

## RESULTS

**Sample #:** HF0523001

**Sample Description:** Ground Flower

Cannabinoid Potency Analysis	LoQ (wt%)	Results (mg/g)	Results (wt%)
THC	0.10	9.90	0.990
THCA	0.050	278	27.8
Total THC		253	25.3
CBD	0.10	<LoQ	<LoQ
CBDA	0.050	4.06	0.406
Total CBD		3.60	0.360

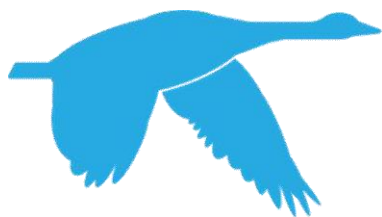
### Methodology and Notes

Method Name	Method Description	Method	References
Cannabinoid Potency by HPLC	Quantitative test of the concentrations of cannabinoids via HPLC-DAD	BSAL-SOP-0004	USP 621/USP 857

Approved by:

Jackson Knott, M.Sc., Lab Manager

Tests marked with \* are subcontracted  
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June 21<sup>st</sup> 2023

### Analysis Type(s)

Terpenes by GC-MS

### Order#

1224

### Report#

Results-1224-HF0523001

### Report Date

June 22<sup>nd</sup> 2023

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## RESULTS

**Sample #:** HF0523001

**Sample Description:** Ground Flower

Parameter	Result (wt%)	LoQ (wt%)
3-Carene	<LoQ	0.005
$\alpha$ Bisabolol	<LoQ	0.005
$\alpha$ Cedrene	0.541	0.005
$\alpha$ Humulene	0.203	0.005
$\alpha$ Phellandrene	<LoQ	0.005
$\alpha$ Pinene	<LoQ	0.005
$\alpha$ Terpinene	<LoQ	0.005
$\alpha$ terpineol	<LoQ	0.005
$\alpha$ Thujone	<LoQ	0.005
$\beta$ Myrcene	0.096	0.005
$\beta$ Pinene	<LoQ	0.005
$\gamma$ -Terpinene	<LoQ	0.005
Borneol	<LoQ	0.005
Camphene	<LoQ	0.005
Camphor	<LoQ	0.005
Carophyllene	<LoQ	0.005
Carphyllene Oxide	0.133	0.005
Carvacrol	<LoQ	0.005
Carvone	<LoQ	0.005
Cedrol	<LoQ	0.005
Cis-Citral	<LoQ	0.005
Cis-Nerolidol	0.101	0.005
Cis- $\beta$ -Ocimene	0.173	0.005
Citronellol	<LoQ	0.005

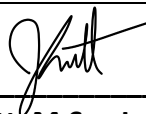
Parameter	Result (wt%)	LoQ (wt%)
Endo-Fenchyl Alcohol	<LoQ	0.005
Eucalyptol	<LoQ	0.005
Farnesene	<LoQ	0.005
Geraniol	<LoQ	0.005
Geranyl Acetate	<LoQ	0.005
Guaiol	<LoQ	0.005
Isoborneol	<LoQ	0.005
Isobornyl Acetate	<LoQ	0.005
Isomenthone	<LoQ	0.005
Isopulegol	<LoQ	0.005
Limonene	0.074	0.005
Linalool	0.100	0.005
m-Cymene	<LoQ	0.005
Menthol	<LoQ	0.005
Menthone	<LoQ	0.005
Nerol	<LoQ	0.005
Octyl Acetate	<LoQ	0.005
o-Cymene	0.286	0.005
p-Cymene	<LoQ	0.005
Phytane	<LoQ	0.005
Piperitone	0.033	0.005
Pulgeone	0.108	0.005
Sabinene	<LoQ	0.005
Sabinene Hydrate	0.143	0.005
Safranal	<LoQ	0.005
Terpinolene	<LoQ	0.005
Thymol	<LoQ	0.005
Trans-Nerolidol	<LoQ	0.005
Trans- $\beta$ -ocimene	0.026	0.005
Valencene	<LoQ	0.005
Verbenone	<LoQ	0.005

Terpene Total %
2.02

### Methodology and Notes

Method Name	Method Description	Method	References
Terpenes by GC-MS	Terpene Quantification by GC-MS	QASM024	EP 2.2.28/2.2.43

Approved by:

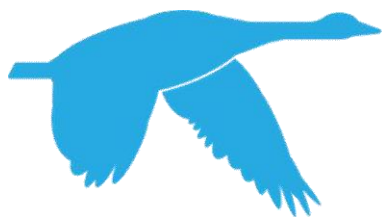


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## Sample(s) Received

June 21<sup>st</sup> 2023

## Analysis Type(s)

Potency by HPLC-DAD

## Order#

1224

## Report#

Results-1224-HF0523002

## Report Date

June 22<sup>nd</sup> 2023

# RESULTS

**Sample #:** HF0523002

**Sample Description:** Ground Flower

Cannabinoid Potency Analysis	LoQ (wt%)	Results (mg/g)	Results (wt%)
THC	0.10	9.00	0.900
THCA	0.050	290	29.0
Total THC		263	26.3
CBD	0.10	<LoQ	<LoQ
CBDA	0.050	4.97	0.497
Total CBD		4.40	0.440

## Methodology and Notes

Method Name	Method Description	Method	References
Cannabinoid Potency by HPLC	Quantitative test of the concentrations of cannabinoids via HPLC-DAD	BSAL-SOP-0004	USP 621/USP 857

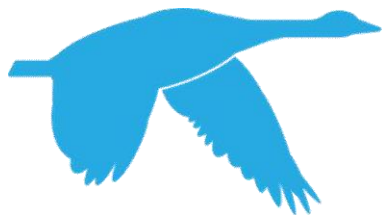
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June 21<sup>st</sup> 2023

### Analysis Type(s)

Terpenes by GC-MS

### Order#

1224

### Report#

Results-1224-HF0523002

### Report Date

June 22<sup>nd</sup> 2023

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## RESULTS

**Sample #:** HF0523002

**Sample Description:** Ground Flower

Parameter	Result (wt%)	LoQ (wt%)
3-Carene	<LoQ	0.005
$\alpha$ Bisabolol	<LoQ	0.005
$\alpha$ Cedrene	0.706	0.005
$\alpha$ Humulene	0.289	0.005
$\alpha$ Phellandrene	<LoQ	0.005
$\alpha$ Pinene	<LoQ	0.005
$\alpha$ Terpinene	<LoQ	0.005
$\alpha$ terpineol	<LoQ	0.005
$\alpha$ Thujone	<LoQ	0.005
$\beta$ Myrcene	0.113	0.005
$\beta$ Pinene	<LoQ	0.005
$\gamma$ -Terpinene	<LoQ	0.005
Borneol	<LoQ	0.005
Camphene	<LoQ	0.005
Camphor	<LoQ	0.005
Carophyllene	0.012	0.005
Carphyllene Oxide	0.011	0.005
Carvacrol	<LoQ	0.005
Carvone	<LoQ	0.005
Cedrol	<LoQ	0.005
Cis-Citral	<LoQ	0.005
Cis-Nerolidol	0.132	0.005
Cis- $\beta$ -Ocimene	0.198	0.005
Citronellol	<LoQ	0.005

Parameter	Result (wt%)	LoQ (wt%)
Endo-Fenchyl Alcohol	<LoQ	0.005
Eucalyptol	<LoQ	0.005
Farnesene	<LoQ	0.005
Geraniol	0.029	0.005
Geranyl Acetate	<LoQ	0.005
Guaiol	<LoQ	0.005
Isoborneol	<LoQ	0.005
Isobornyl Acetate	<LoQ	0.005
Isomenthone	<LoQ	0.005
Isopulegol	<LoQ	0.005
Limonene	0.087	0.005
Linalool	0.109	0.005
m-Cymene	<LoQ	0.005
Menthol	<LoQ	0.005
Menthone	<LoQ	0.005
Nerol	<LoQ	0.005
Octyl Acetate	<LoQ	0.005
o-Cymene	0.367	0.005
p-Cymene	<LoQ	0.005
Phytane	<LoQ	0.005
Piperitone	0.044	0.005
Pulgeone	0.149	0.005
Sabinene	<LoQ	0.005
Sabinene Hydrate	0.157	0.005
Safranal	<LoQ	0.005
Terpinolene	<LoQ	0.005
Thymol	<LoQ	0.005
Trans-Nerolidol	<LoQ	0.005
Trans- $\beta$ -ocimene	<LoQ	0.005
Valencene	<LoQ	0.005
Verbenone	<LoQ	0.005

Terpene Total %
2.40

### Methodology and Notes

Method Name	Method Description	Method	References
Terpenes by GC-MS	Terpene Quantification by GC-MS	QASM024	EP 2.2.28/2.2.43

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