



Summary: In wet strippings, *HempTrain™* concentrated 75% of CBD in 25% of total leaf material

Feedstock: *Strippings containing only flower portion of industrial hemp plant*

CBD: Total attainable CBD is 1.22%

Condition: *Fresh/Green (<12h after harvest)*

Cultivar: *CRS-1*

Season: *2019*

Region: *Western Canada*

Results

*When fresh/green strippings were processed via *HempTrain™*, the flowers were separated into a bud leaves stream (high-CBD fraction), and a stream of everything sugar leaf size and larger. Testing determined the high-CBD fraction to contain **~3x more CBD** than the remaining sugar leaves.*

Bud Leaves Fraction



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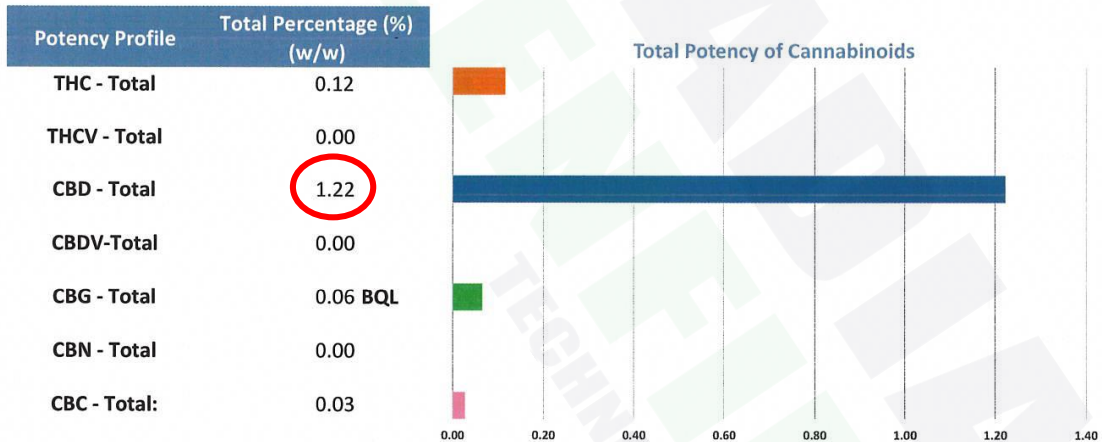
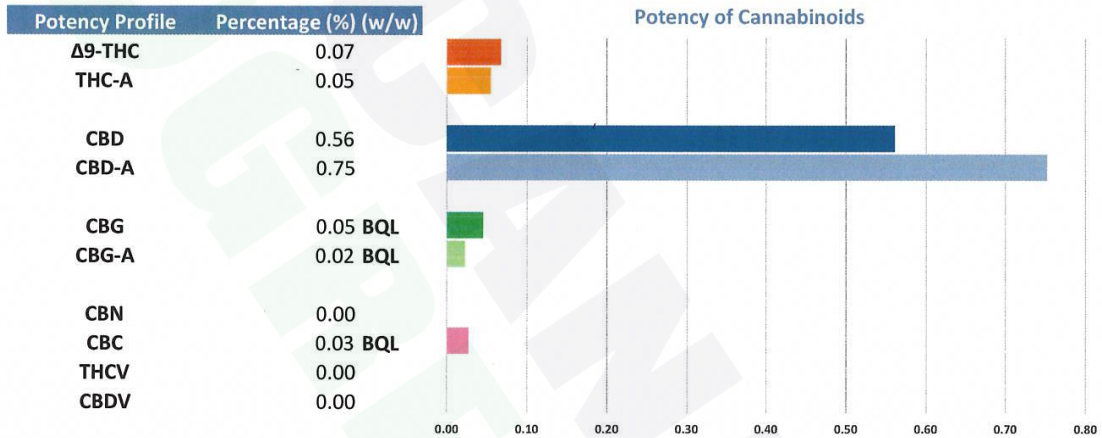
Client Name:
Stephen Christensen
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TESTING REPORT

Date Complete: 19-Sep-19
Keystone Job #: 996-1909088
Keystone Assay#: 4033-273
Keystone Sample#: 19-4463
Invoice#: 191095

METHOD: DETERMINATION OF PHYTOCANNABINOIDS IN CANNABIS BY HIGH PRESSURE LIQUID CHROMATOGRAPHY (HPLC)

Sample Description: CGT-20190904_W_GMF



THC : CBD RATIO: 1 : 10

Quantitation: A conversion factor of 0.877 is used for adjustment of the molar mass of THC-A and CBD-A; a conversion factor of 0.878 is used for CBG-A; both after decarboxylation. These conversion factors were not applied to other cannabinoids.

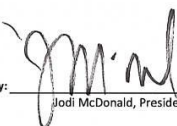
BQL = Below Quantitation Limit, for information purposes only.

ACTIVATED Total: 0.70

Activated Total: Cannabinoids that have been activated through decarboxylation (curing/storage of flowers, or heating/cooking of edibles and concentrates).

Δ9-THC + CBN + CBD + CBG + CBC

Prepared by: 
Rod Szarka, Vice President

Reviewed by: 
Jodi McDonald, President



Sugar Leaves Fraction



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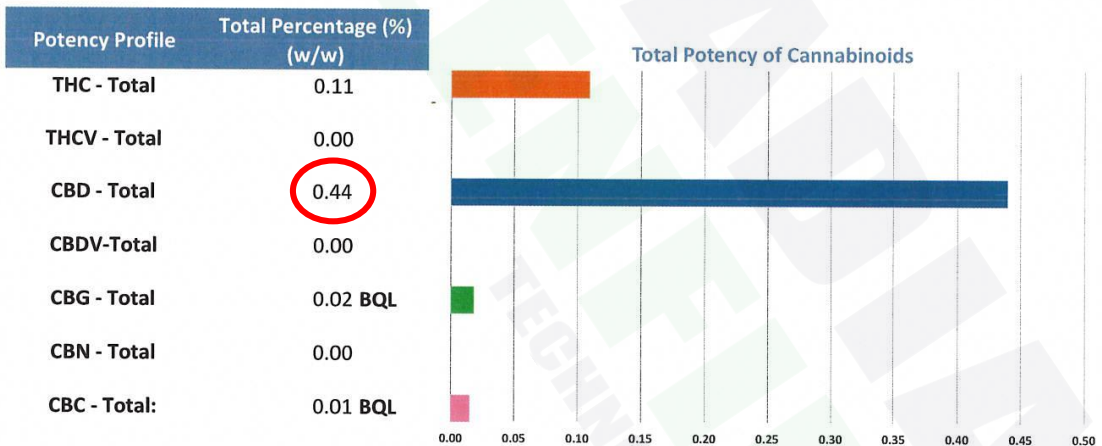
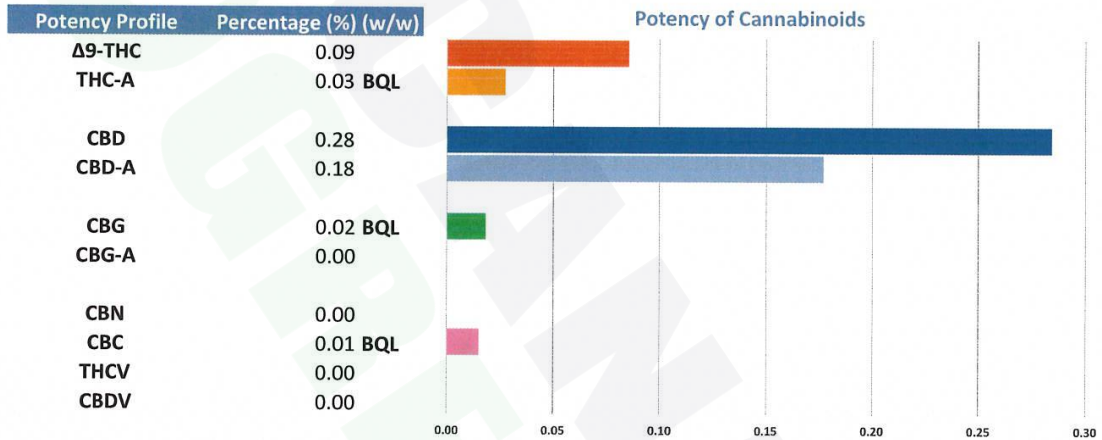
Client Name:
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TESTING REPORT

Date Complete: 19-Sep-19
Keystone Job #: 996-1909088
Keystone Assay#: 4033-273
Keystone Sample#: 19-4464
Invoice#: 191095

METHOD: DETERMINATION OF PHYTOCANNABINOIDS IN CANNABIS BY HIGH PRESSURE LIQUID CHROMATOGRAPHY (HPLC)

Sample Description: CGT-20190904_W_L



THC : CBD RATIO: 1 : 4

Quantitation: A conversion factor of 0.877 is used for adjustment of the molar mass of THC-A and CBD-A; a conversion factor of 0.878 is used for CBG-A; both after decarboxylation. These conversion factors were not applied to other cannabinoids.

BQL = Below Quantitation Limit, for information purposes only.

ACTIVATED Total: 0.40

Activated Total: Cannabinoids that have been activated through decarboxylation (curing/storage of flowers, or heating/cooking of edibles and concentrates).

Δ9-THC + CBN + CBD + CBG + CBC

Prepared by: 
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Reviewed by: 
Jodi McDonald, President

