

Certificate of Analysis



DanOdan Grassworks

Daniel Stoops

Portland, OR, .

Report Date
Report Status
Receipt Date
Receipt Condition
Storage Condition
Sample Type
Sample ID

07Mar2016

Final

24Feb2016

Ambient

0-6 °C

Canna Product (Solid)

16000547

Sample Name
Batch #

Caramel
0033-HD-02-16

Cannabinoids

| Analysis | Result, mg/unit | LOQ, mg/unit | Analysis Date |
|---|-----------------|--------------|---------------|
| Total Cannabinoids (Calculated) | | | |
| Total CBD = CBD + 0.877 x CBDA | <LOQ | | |
| Total THC = THC + 0.877 x THCA | 28.3 | | |
| Cannabinoids (By weight) | | | |
| Cannabidiol (CBD) | <LOQ | 1.5 | 03Mar2016 |
| Cannabidiolic Acid (CBDA) | <LOQ | 1.5 | 03Mar2016 |
| Δ 9-Tetrahydrocannabinol (THC) | 28.3 | 1.5 | 03Mar2016 |
| Δ 9-Tetrahydrocannabinolic Acid (THCA) | <LOQ | 1.5 | 03Mar2016 |
| Average retail unit weight: 4.5 g | | | |

Quality Control Summary

| Cannabinoids (SOP3005) | Result |
|--|--------|
| Calibration Linearity $r^2 \geq 0.995$ | Pass |
| Calibration Verification $\pm 10\%$ | Pass |
| Method Blank < LOQ | Pass |
| Laboratory Control Sample (LCS) Recovery 80-120% | Pass |
| LCS Duplicate (LCSD) Recovery 80-120% | Pass |
| LCS/LCSD Relative Percent Difference $\leq 20\%$ | Pass |

Method References

Cannabinoids (SOP3005)

De Backer, et al. (2009). Innovative development and validation of an HPLC/DAD method for the qualitative and quantitative determination of major cannabinoids in cannabis plant material.

Journal of Chromatography B Analytical Technologies in the Biomedical and Life Sciences, 877(32), 4115-4124. (Modified)

Testing Location

Cascadia Labs - Bend

Testing Locations

Cascadia Labs - Bend

20340 Empire Ave Ste E-1

Bend, OR 97703

(541) 213-2315

Authorization

Report Issued By

Julie Austin

Operations Manager

This report is intended to comply with Current Oregon Administrative Rules: Chapter 333 Division 7; Chapter 333 Division 8; Chapter 333 Division 64. These methods are not accredited by ORELAP.

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