

CERTIFICATE OF ANALYSIS

Product Name: Leaf Hops, Packed

Lot Number: PR1-CCUVG13071

Variety: Amarillo® Brand, VGXP01, Unite

Crop Year: 2018

<u>Characteristic</u> <u>Typical Analysis</u> <u>Actual Analysis</u>

Alpha Acids: 2.5 - 17.5% (w/w) 7.3%

LCV by EBC Analytica V 7.5

Oil by Distillation: Varies by Variety 1.1%

ASBC Hops - 13 (%v/w)

Oil Profile by GC, EBC Analytica V 7.12:

B-Pinene: 0.8 % Farnesene: 5.8%

Myrcene: 51.1 % Humulene: 18.6% Linalool: 0.6 % Geraniol: 0.2%

Caryophyllene: 6.8 %