

CERTIFICATE OF ANALYSIS

Product Name: Type 90 Hop Pellets

Lot Number: P91-BIUCAS3032

Variety: Cascade Crop Year: 2018

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

Alpha Acids: 2.5 - 17.5% (w/w) 5.5%

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: 0.7 % **Farnesene:** 5.7%

Myrcene: 53.1 % Humulene: 15.5% Linalool: 0.4 % Geraniol: 0.3%

Caryophyllene: 6.6 %