

CERTIFICATE OF ANALYSIS

Product Name: Type 90 Hop Pellets

Lot Number: P91-BLUCIT3213

Variety: Citra® Brand

Crop Year: 2018

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

Alpha Acids: 2.5 - 17.5% (w/w) 11.5%

LCV by EBC Analytica V 7.5

Oil by Distillation: Varies by Variety 1.4%

ASBC Hops - 13 (%v/w)

Oil Profile by GC, EBC Analytica V 7.12:

B-Pinene: 0.7 % **Farnesene:** 0.1% **Myrcene:** 55.1 % **Humulene:** 12.5%

Linalool: 0.8 % Geraniol: 0.3%

Caryophyllene: 7.9 %