

CERTIFICATE OF ANALYSIS

Product Name: Type 90 Hop Pellets

Lot Number: P92-BLUSOR8278

Variety: Sorachi Ace

Crop Year: 2018

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

Alpha Acids: 2.5 - 17.5% (w/w) 11.3%

LCV by EBC Analytica V 7.5

Oil by Distillation: Varies by Variety 2.7%

ASBC Hops - 13 (%v/w)

Oil Profile by GC, EBC Analytica V 7.12: B-Pinene: 0.5 % Farnesene: 1.8%

Myrcene: 39.0 % **Humulene:** 30.9% **Linalool:** 0.3 % **Geraniol:** 0.1%

Caryophyllene: 10.5 %