

## CERTIFICATE OF ANALYSIS

Product Name: Type 90 Hop Pellets

Lot Number: P91-AAUSOR0284

Variety: Sorachi Ace

Crop Year: 2016

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

Alpha Acids: 2.5 - 17.5% (w/w) 12.2%

LCV by EBC Analytica V 7.5

Oil by Distillation: Varies by Variety 2.1%

ASBC Hops - 13 (%v/w)

Oil Profile by GC, EBC Analytica V 7.12: B-Pinene: 0.7 % Farnesene: 2.6%

Myrcene: 48.6 % Humulene: 23.5% Linalool: 0.4 % Geraniol: 0.4%

Caryophyllene: 7.5 %