

## CERTIFICATE OF ANALYSIS

Product Name: Type 90 Hop Pellets

Lot Number: P91-AKUMOS2135 Variety: Mosaic® Brand

Crop Year: 2017

Production Date: November 2017 Best Use Before Date: November 2020

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

Alpha Acids: 2.5 - 17.5% (w/w) 12.7%

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: 0.9 % Farnesene: 0.1%

Myrcene: 63.3 % Humulene: 9.3% Linalool: 0.7 % Geraniol: 0.6%

Caryophyllene: 3.7 %