

CERTIFICATE OF ANALYSIS

Product Name: Type 90 Hop Pellets

Lot Number: P91-BKUMOS3098 Variety: Mosaic® Brand

Crop Year: 2018

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

Alpha Acids: 2.5 - 17.5% (w/w) 13.3%

LCV by EBC Analytica V 7.5

Oil by Distillation: Varies by Variety 2.0%

ASBC Hops - 13 (%v/w)

Oil Profile by GC, EBC Analytica V 7.12: B-Pinene: 0.7 % Farnesene: 0.1%

Myrcene: 52.3 % Humulene: 14.3%

Linalool: 0.2 % Geraniol: 0.9%

Caryophyllene: 5.5 %