

CERTIFICATE OF ANALYSIS

Product Name: Type 90 Hop Pellets

Lot Number: P91-ZLUAHT0264
Variety: Ahtanum® Brand

Crop Year: 2016

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

Alpha Acids: 2.5 - 17.5% (W/W) 3.4%

LCV by EBC Analytica V 7.5

Oil by Distillation: Varies by Variety 1.2%

ASBC Hops - 13 (%v/w)

Oil Profile by GC, EBC Analytica V 7.12: B-Pinene: 0.8 % Farnesene: 0.2%

Myrcene: 51.0 % Humulene: 20.8%

Linalool: 0.3 % Geraniol: 0.4%

Caryophyllene: 10.0 %