

## CERTIFICATE OF ANALYSIS

Product Name: Type 90 Hop Pellets

Lot Number: P91-BIUCEN3004

Variety: Centennial

Crop Year: 2018

Characteristic	Typical Analysis	Actual Analysis
Alpha Acids:	2.5 - 17.5% (w/w) LCV by EBC Analytica V 7.5	9.4%
Oil by Distillation:	Varies by Variety ASBC Hops - 13 (%v/w)	1.6%
Oil Profile by GC, EBC Analytica V 7	7.12: <b>B-Pinene:</b> 0.9 %	Farnesene: 0.2%

Linalool: 0.7 % Caryophyllene: 6.8 %

Myrcene: 57.4 %

Humulene:

Geraniol:

13.5%

1.4%