

Certificate of Analysis

Product Name: Type 90 Hop Pellets

Lot Number: P91-ZKUBRO0209
Variety: Bravo™
Crop Year: 2016
Production Date: November 2016
Best Use Before Date: November 2019

<u>Characteristic</u>	<u>Typical Analysis</u>	<u>Actual Analysis</u>
Alpha Acids:	2.5 - 17.5% (w/w) LCV by EBC Analytica V 7.5	17.5%
Oil by Distillation:	Varies by Variety ASBC Hops - 13 (%v/w)	3.2%
Oil Profile by GC, EBC Analytica V 7.12:	B-Pinene: 0.9 % Myrcene: 62.6 % Linalool: 0.4 % Caryophyllene: 5.9 %	Farnesene: 0.3 % Humulene: 7.7 % Geraniol: 0.8 %