

CERTIFICATE OF ANALYSIS

Product Name: Type 90 Hop Pellets

Lot Number: P91-CAUMOS3304
Variety: Mosaic® Brand

Crop Year: 2018

Characteristic	Typical Analysis	Actual Analysis
Alpha Acids:	2.5 - 17.5% (w/w) LCV by EBC Analytica V 7.5	11.5%
Oil by Distillation:	Varies by Variety ASBC Hops - 13 (%v/w)	1.6%
Oil Profile by GC, EBC Analytica V 7	7.12: B-Pinene: 0.8 % Myrcene: 49.1 % Linalool: 0.5 % Caryophyllene: 5.7 %	Farnesene: 0.2% Humulene: 15.0% Geraniol: 0.9%