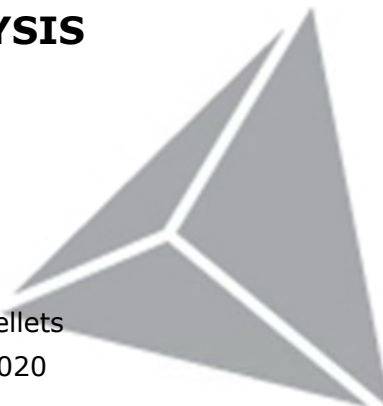


## CERTIFICATE OF ANALYSIS

February 11, 2020

**BSG Lot Number:** 19Z1COM11  
**Variety:** US Comet  
**Crop Year:** 2019  
**Product Type:** Type 90 Hop Pellets  
**Analysis Date:** February 11, 2020



Measurement Type	Data Value	Analysis Method
ALPHA-ACIDS:	9.0%	ASBC Spectrophotometric
BETA-ACIDS:	4.1%	ASBC Spectrophotometric
HSI:	0.334	ASBC Spectrophotometric
Total Oils:	1.69ml/100g	ASBC Hops - 13
B-Pinene:	<0.25%	ASBC Hops - 17
Myrcene:	53.4%	ASBC Hops - 17
Linalool:	0.6%	ASBC Hops - 17
Caryophyllene:	17.6%	ASBC Hops - 17
Geraniol:	1.4%	ASBC Hops - 17
Farnesene:	<0.25%	ASBC Hops - 17
Other Oils:	27.0%	ASBC Hops - 17

Analyst: LMILLAR

Certified By

