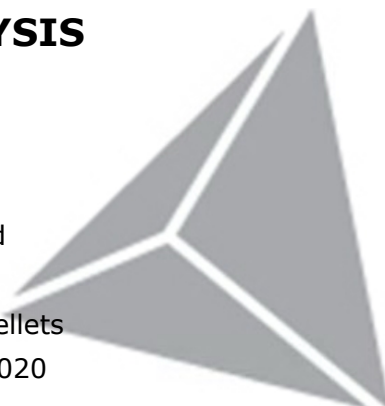


## CERTIFICATE OF ANALYSIS

February 06, 2020

**BSG Lot Number:** 19Z1MTH11  
**Variety:** US Mount Hood  
**Crop Year:** 2019  
**Product Type:** Type 90 Hop Pellets  
**Analysis Date:** February 06, 2020



Measurement Type	Data Value	Analysis Method
ALPHA-ACIDS:	5.8%	ASBC Spectrophotometric
BETA-ACIDS:	5.3%	ASBC Spectrophotometric
HSI:	0.315	ASBC Spectrophotometric
Total Oils:	1.40ml/100g	ASBC Hops - 13
B-Pinene:	<0.25%	ASBC Hops - 17
Myrcene:	43.8%	ASBC Hops - 17
Linalool:	0.6%	ASBC Hops - 17
Caryophyllene:	13.2%	ASBC Hops - 17
Geraniol:	1.4%	ASBC Hops - 17
Farnesene:	7.6%	ASBC Hops - 17
Other Oils:	33.4%	ASBC Hops - 17

Analyst: LMILLAR

Certified By

