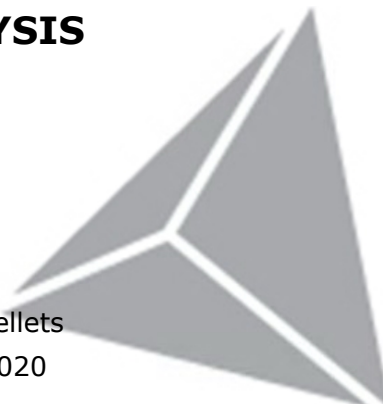


CERTIFICATE OF ANALYSIS

February 11, 2020

BSG Lot Number: 19Z1COM44
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 