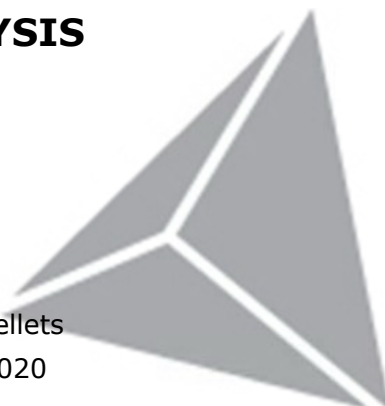


CERTIFICATE OF ANALYSIS

February 06, 2020

BSG Lot Number: 19J4IDA11
Variety: US Idaho7™
Crop Year: 2019
Product Type: Type 90 Hop Pellets
Analysis Date: February 05, 2020



Measurement Type	Data Value	Analysis Method
ALPHA-ACIDS:	12.2%	ASBC Spectrophotometric
BETA-ACIDS:	4.0%	ASBC Spectrophotometric
HSI:	0.289	ASBC Spectrophotometric
Total Oils:	2.74ml/100g	ASBC Hops - 13
B-Pinene:	0.33%	ASBC Hops - 17
Myrcene:	19.0%	ASBC Hops - 17
Linalool:	0.0%	ASBC Hops - 17
Caryophyllene:	0.6%	ASBC Hops - 17
Geraniol:	1.4%	ASBC Hops - 17
Farnesene:	5.8%	ASBC Hops - 17
Other Oils:	72.87%	ASBC Hops - 17

Analyst: LMILLAR

Certified By

