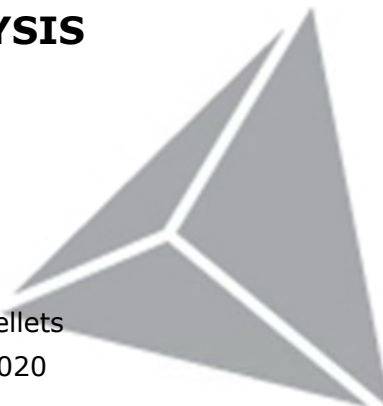


## CERTIFICATE OF ANALYSIS

February 12, 2020

**BSG Lot Number:** 19Y1GAL11  
**Variety:** US Galena  
**Crop Year:** 2019  
**Product Type:** Type 90 Hop Pellets  
**Analysis Date:** February 11, 2020



Measurement Type	Data Value	Analysis Method
ALPHA-ACIDS:	15.5%	ASBC Spectrophotometric
BETA-ACIDS:	8.6%	ASBC Spectrophotometric
HSI:	0.263	ASBC Spectrophotometric
Total Oils:	1.44ml/100g	ASBC Hops - 13
B-Pinene:	0.28%	ASBC Hops - 17
Myrcene:	76.8%	ASBC Hops - 17
Linalool:	0.4%	ASBC Hops - 17
Caryophyllene:	13.2%	ASBC Hops - 17
Geraniol:	1.4%	ASBC Hops - 17
Farnesene:	3.4%	ASBC Hops - 17
Other Oils:	4.52%	ASBC Hops - 17

Analyst: LMILLAR

Certified By

