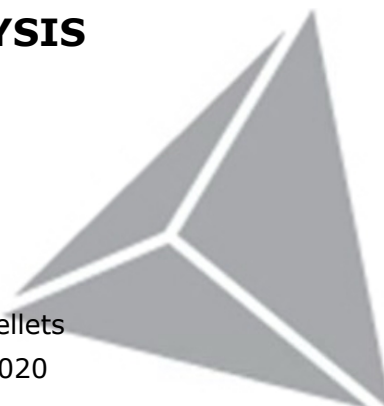


CERTIFICATE OF ANALYSIS

February 12, 2020

BSG Lot Number: 19R1STE11
Variety: US Sterling
Crop Year: 2019
Product Type: Type 90 Hop Pellets
Analysis Date: February 11, 2020



Measurement Type	Data Value	Analysis Method
ALPHA-ACIDS:	11.6%	ASBC Spectrophotometric
BETA-ACIDS:	6.0%	ASBC Spectrophotometric
HSI:	0.300	ASBC Spectrophotometric
Total Oils:	1.50ml/100g	ASBC Hops - 13
B-Pinene:	0.25%	ASBC Hops - 17
Myrcene:	41.1%	ASBC Hops - 17
Linalool:	0.5%	ASBC Hops - 17
Caryophyllene:	12.4%	ASBC Hops - 17
Geraniol:	3.0%	ASBC Hops - 17
Farnesene:	21.6%	ASBC Hops - 17
Other Oils:	21.15%	ASBC Hops - 17

Analyst: LMILLAR

Certified By 