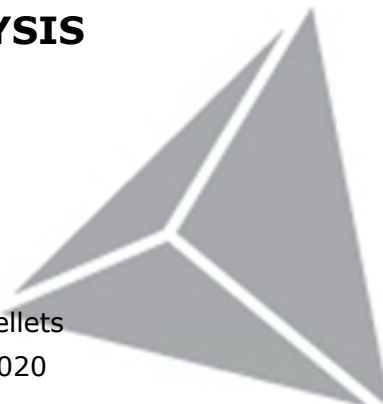


CERTIFICATE OF ANALYSIS

February 12, 2020

BSG Lot Number: 19R1AZA11
Variety: US Azacca®
Crop Year: 2019
Product Type: Type 90 Hop Pellets
Analysis Date: February 11, 2020



Measurement Type	Data Value	Analysis Method
ALPHA-ACIDS:	11.5%	ASBC Spectrophotometric
BETA-ACIDS:	4.8%	ASBC Spectrophotometric
HSI:	0.275	ASBC Spectrophotometric
Total Oils:	1.55ml/100g	ASBC Hops - 13
B-Pinene:	<0.25%	ASBC Hops - 17
Myrcene:	58.6%	ASBC Hops - 17
Linalool:	0.3%	ASBC Hops - 17
Caryophyllene:	6.6%	ASBC Hops - 17
Geraniol:	1.4%	ASBC Hops - 17
Farnesene:	17.2%	ASBC Hops - 17
Other Oils:	15.9%	ASBC Hops - 17

Analyst: LMILLAR

Certified By 