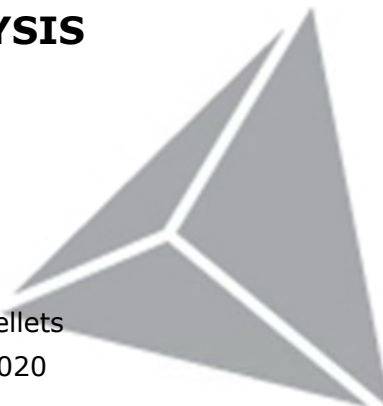


CERTIFICATE OF ANALYSIS

February 06, 2020

BSG Lot Number: 19R1WAR11
Variety: US Warrior®
Crop Year: 2019
Product Type: Type 90 Hop Pellets
Analysis Date: February 05, 2020



Measurement Type	Data Value	Analysis Method
ALPHA-ACIDS:	17.1%	ASBC Spectrophotometric
BETA-ACIDS:	4.4%	ASBC Spectrophotometric
HSI:	0.256	ASBC Spectrophotometric
Total Oils:	2.25ml/100g	ASBC Hops - 13
B-Pinene:	0.33%	ASBC Hops - 17
Myrcene:	23.2%	ASBC Hops - 17
Linalool:	<0.25%	ASBC Hops - 17
Caryophyllene:	3.8%	ASBC Hops - 17
Geraniol:	1.4%	ASBC Hops - 17
Farnesene:	11.0%	ASBC Hops - 17
Other Oils:	60.27%	ASBC Hops - 17

Analyst: LMILLAR

Certified By

