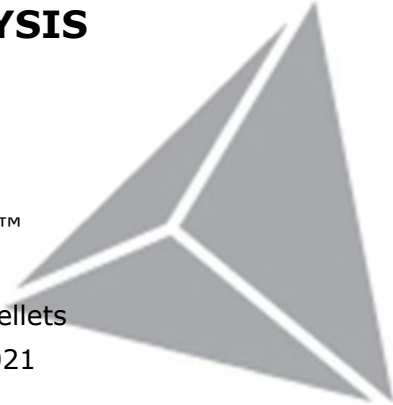


CERTIFICATE OF ANALYSIS

October 08, 2021

BSG Lot Number: 1IN8-2021
Variety: US Idaho Gem™
Crop Year: 2021
Product Type: Type 90 Hop Pellets
Analysis Date: October 07, 2021



Measurement Type	Data Value	Analysis Method
ALPHA-ACIDS:	14.2%	ASBC Spectrophotometric
BETA-ACIDS:	4.5%	ASBC Spectrophotometric
HSI:	0.279	ASBC Spectrophotometric
B-Pinene:	0.63%	ASBC Hops-17
Caryophyllene:	8.42%	ASBC Hops-17
Geraniol:	.41%	ASBC Hops-17
Humulene:	22.3%	ASBC Hops-17
Linalool:	0.4%	ASBC Hops-17
Myrcene:	33.9%	ASBC Hops-17
Other Oils:	33.94%	ASBC Hops-17
Total Oils:	1.4ml/100g	ASBC Hops - 13

Analyst: JMUNGUIA

Certified By Julian Munguia