



BSG Hops  
5150 Yakima Valley Hwy  
Wapato, WA 98951

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## CERTIFICATE OF ANALYSIS

January 05, 2023

**BSG Lot Number:** 22P1WIL11  
**Variety:** US Willamette  
**Crop Year:** 2022  
**Product Type:** Type 90 Hop Pellets  
**Analysis Date:** December 19, 2022

Measurement Type	Data Value	Analysis Method
ALPHA-ACIDS:	4.6%	ASBC Spectrophotometric
BETA-ACIDS:	3.3%	ASBC Spectrophotometric
HSI:	0.318	ASBC Spectrophotometric
B-Pinene:	0.53%	ASBC Hops-17
Caryophyllene:	11.00%	ASBC Hops-17
Farnesene:	9.30%	ASBC Hops-17
Humulene:	22.90%	ASBC Hops-17
Linalool:	0.71%	ASBC Hops-17
Myrcene:	31.50%	ASBC Hops-17
Other Oils:	24.06%	ASBC Hops-17
Total Oils:	1.4ml/100g	ASBC Hops - 13

Analyst: JMUNGUIA

Certified By 