

CERTIFICATE OF ANALYSIS

CUSTOMER NAME: **Hops Connect - Hops Trading Co** VARIETY: **Willamette** CROP YEAR: **2021** SALES ORDER NUMBER: **21-HP-1032321-34.2**

Description

Hop Pellets are produced from raw hops and can be added to the kettle to provide bitterness and a hop character that is indistinguishable from that achieved using raw hops. Hop Pellets provide improved homogeneity, better storage stability and reduced storage/transport costs compared to raw hops.

Storage

Hop Pellets should be stored cool at 0 – 5 °C (32 - 41 °F). Pellets are best used within 3 years after processing. If stored at –20 °C (-4 °F), pellets should be used within 5 years. Foils, once opened, use within a few days.

Chemical Analysis

<u>Characteristic</u>	<u>Analysis Result</u>	<u>Method</u>
Alpha Acids	5.8 %	ASBC Spectrophotometric
Beta Acids	4.4 %	ASBC Spectrophotometric
HSI	0.297	ASBC Spectrophotometric
Moisture	9.5 %	ASBC Hops-4C
Oil Content	1.6 ml/100g.	ASBC Hops-13

Pesticide residues are monitored in hop products under our new BarthHaas Quality Control Guarantee. For more information on this program, please visit our website at, www.BarthHaas.com.



Released By: Cheryl Kroll, Pellet Plant **Signature:** *Cheryl M Kroll* **Date:** November 30, 2021

Additional Information:
Batch No: I-11345-1