



CERTIFICATE OF ANALYSIS

CUSTOMER NAME: **Hops Connect - Hops Trading Co** VARIETY: **Loral® HBC 291 c.v.** CROP YEAR: **2021** SALES ORDER NUMBER: **21-HP-1040393-2**

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	10.6 %	ASBC Spectrophotometric
Beta Acids	5.0 %	ASBC Spectrophotometric
HSI	0.296	ASBC Spectrophotometric
Oil Content	1.6 ml/100g.	ASBC Hops - 13
Moisture	8.6 %	ASBC Hops - 4C

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.



<u>Released By:</u>	<u>Signature:</u>	<u>Date:</u>
Cheryl Kroll, Pellet Plant	<i>Cheryl M Kroll</i>	December 20, 2021

Additional Information:

Batch No: I-10824-1

Grower Lot Nos.: 21-WA460-H026
21-WA460-H031

