

# **CERTIFICATE OF ANALYSIS**

CUSTOMER NAME: VARIETY: CROP YEAR: SALES ORDER NUMBER: NET WT (kgs): Lupulino, CZ Centennial 2021 V83324 160

### **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>	Analysis Result	<u>Method</u>
Alpha Acids	9,4 %	ASBC Spectrophotometric
HSI	0,305	ASBC Spectrophotometric
Oil Content	1,9 ml/100g.	ASBC Hops-13
Alpha Acids	8,6 %	EBC 7.4 LCV
Moisture	9,2 %	ASBC Hops-4C

FOIL MARKS: CARTON MARKS:

CROP 2021 CROP 2021

CENTENNIAL CENTENNIAL TYPE 90 PELLETS

5-KG / 11-LB NET ALPHA 9,4% ASBC SPECTRO

BATCH NO. I-11168-1 SUPPLIER/PELLETISOR:

JOHN I. HAAS, INC.

DATE OF PELLETIZING: DEC 2021

BATCH NO. I-11168-1

20-KG / 44-LB CARTON (4 X 5-KG / 11-LB FOILS)

MADE IN THE USA

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.



Cheryl Kroll, Pellet Plant Cheryl M Kull December 13, 2021

# **Additional Information:**

Batch No: I-11168-1

Released By:

Grower Lot Nos.: 21-WA302-018

21-WA346-005

Manufactured by John I. Haas, Inc., a member of the BarthHaas Group. 1600 River Rd., Yakima, WA 98902 Telephone: (509) 469-4000







Date:

