

# BarthHaas®



## CERTIFICATE OF ANALYSIS

CUSTOMER NAME: **Lupulino, CZ** VARIETY: **Cashmere** CROP YEAR: **2021** SALES ORDER NUMBER: **V83323** NET WT (Kgs): **20**

### 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>I-10039-1</u>
Alpha Acids	8,2 %	ASBC Spectrophotometric
HSI	0,250	ASBC Spectrophotometric
Oil Content	1,4 ml/100g.	ASBC Hops-13
Moisture	7,4 %	ASBC Hops-4C

#### FOIL MARKS:

CROP 2021  
CASHMERE  
5-KG / 11-LB NET

#### CARTON MARKS:

CROP 2021  
CASHMERE TYPE 90 PELLETS  
ALPHA 8,2% ASBC SPECTRO  
SUPPLIER/PELLETISOR:  
JOHN I. HAAS, INC.  
DATE OF PELLETIZING: NOV 2021  
BATCH NO. I-10039-1  
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](http://www.BarthHaas.com).



### Released By:

Cheryl Kroll, Pellet Plant

### Signature:

### Date:

April 14, 2022

### Additional Information:

Batch No: I-10039-1

Grower Lot Nos 21-WA342-035 21-WA360-039  
21-WA342-048 21-WA405-042  
21-WA342-052

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



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