

CERTIFICATE OF ANALYSIS

Our contract No.: V81069

Your reference No:

Customer

Hops Connect, 1222 Franklin Street, V6A 1K1 VANCOUVER, CANADA

Variety

Hallertau Northern
Brewer

Batch No.

VA 21-065

Crop

2021

Manufacturing entity

HOPFENVEREDLUNG
GERMANY

Product

Hop Pellets Type 90

Best Before Date

12.11.2024

DESCRIPTION

Hop Pellets are a hop product added to the kettle to provide bitterness and a hop character that is indistinguishable from that achieved using raw hops. They can also be used post fermentation for dry hopping. Pellets provide improved homogeneity, better storage stability and reduced storage/transport costs compared to raw hops. Supported by a long history of safe use in brewing, and in accordance with US FDA regulation 21 CFR 170.30(c) and 170.3(f), hop pellets are generally recognized as safe (GRAS).

STORAGE

Hop Pellets should be stored cool at 0 - 5 °C (32 - 41 °F).

CHEMICAL ANALYSIS

Analysis Method	ASBC spectro	Analysis Date	12.11.2021
Alpha acids	10,20 %		
Beta Acids	5,4 %		
Hop Storage Index	0,295		
Transformation	8 %		
Water content	7,70 %	EBC 7.2	
Oil volumetric	1,50 ml/100g	EBC 7.10	
Alpha acids acc. to EBC 7.5 Mebak:	10,70%		



These hops have been tested in the framework of the BarthHaas Quality Control Guarantee and comply with the residue limits of the country of destination.

ADDITIONAL INFORMATION

Production Date 12.11.2021

Nürnberg, 04.12.2021

BarthHaas GmbH & Co.KG

Ulrike Kilian