

# CERTIFICATE OF ANALYSIS

<b>PRODUCT NAME:</b>	<b>LOT NUMBER:</b>	<b>BEST BEFORE:</b>	<b>CROP YEAR:</b>	<b>VARIETY:</b>
Type 90 Pellets	TX 167	36 months April 2025	2022	Topaz

## Description

Type 90 Pellets are a hop product added to the kettle to provide bitterness and a hop character. 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

Store between 0-5°C.

Characteristic	Specification	Value	Method
Appearance	No Discoloured or rat-tailed pellets	Pass	Observation by Laboratory Technician
Alpha acids (%)	Value as determined	19.8%	ASBC Spectro (Hops 6A)
Beta Acids (%)	Value as determined	6.9%	ASBC Spectro (Hops 6A)
HSI (If Available)	Value as determined	0.261	ASBC Spectro (Hops 6A)
Volatile oils (ml/100g)	Value as determined	2.0	Steam Distillation
Moisture (%)	<=12	9.6%	Oven

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



**Prepared by:**

**Signature:**

**Production Date:**

D. Reardon



27 May 2022

## **Additional information**

This product is manufactured by Hop Products Australia, Myrtleford, Victoria/Bushy Park, Tasmania, Australia.