

CERTIFICATE OF ANALYSIS

PRODUCT NAME:	LOT NUMBER:	BEST BEFORE:	CROP YEAR:	VARIETY:
Type 90 Pellets	VZ49	36 months April 2027	2024	Galaxy

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	17.9%	ASBC Spectro (Hops 6A)
Beta Acids (%)	Value as determined	9.1%	ASBC Spectro (Hops 6A)
HSI (If Available)	Value as determined	0.276	ASBC Spectro (Hops 6A)
Volatile oils (ml/100g)	Value as determined	2.7	Steam Distillation
Moisture (%)	<=12	6.7%	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

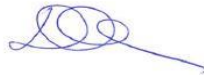


Prepared by:

Signature:

Production Date:

D. Reardon



12th April 2024

Additional information

This product is manufactured by Hop Products Australia, Myrtleford, Victoria, Australia.