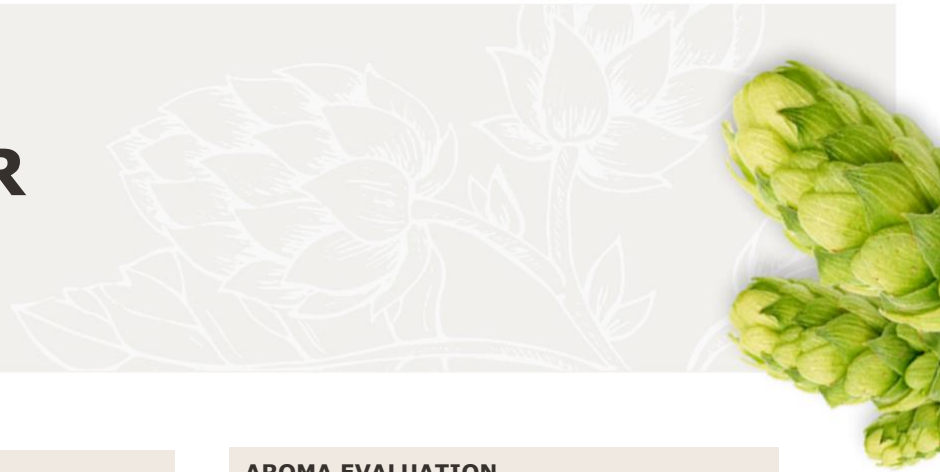


AUS. CLUSTER

Grapefruit, Pine, Citrusy



QUICK SPECS

GENETIC ORIGIN	Not known but possibly the result of a cross between an English variety and an American male hop.
YIELD (KG/HA)	1900 - 2400
MAIN GROWING COUNTRY	Australia

CHEMICAL INGREDIENTS – BITTER COMPONENTS

ALPHA ACID	4.0 - 6.5%
BETA ACID	4.5 - 5.5%
CO-HUMULONE % REL	36.0 - 42.0%
HARD RESINS: ALPHA ACID	0.19 - 0.32%

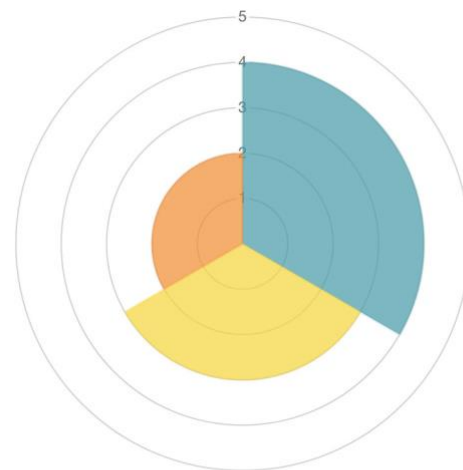
CHEMICAL INGREDIENTS – POLYPHENOLS

XANTHOHUMOL (EBC 7.7)	0.3 - 0.4%
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CHEMICAL INGREDIENTS – AROMA COMPONENTS

TOTAL OILS	0.4 - 1.0 ml/100g
BETA-CARYOPHYLLENE: HUMULENE	0.39%
FARNESENE % OF TOTAL OIL	0.0 - 1.0%
LINALOOL % OF TOTAL OIL	0.3 - 0.5%
LINALOOL : ALPHA-ACID	0.05 - 0.06%

AROMA EVALUATION



● RESINOUS ● CITRUSY ● SPICY

Rated by the smell of raw products on a scale of 0-5



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