

# 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
MAIN GROWING COUNTRY	Australia
YIELD (KG/HA)	1,900 - 2,400

## 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

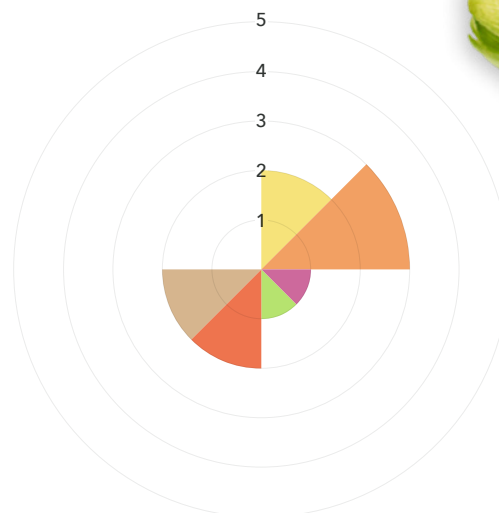
## CHEMICAL INGREDIENTS - AROMA COMPONENTS

TOTAL OILS (ML/100G)	0.4 - 1.0
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

## CHEMICAL INGREDIENTS - POLYPHENOLES

XANTHOTHUMOL (EBC 7.7)	0.3 - 0.4
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## AROMA EVALUATION



● CITRUSY ● FRUITY ● FLORAL ● HERBAL  
● SPICY ● RESINOUS ● SUGARY ● OTHER

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

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