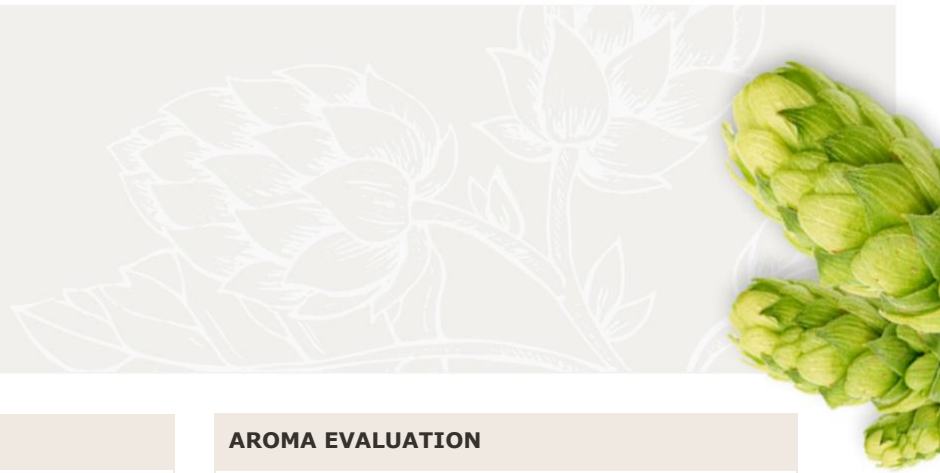


SULTANA

Pineapple, Pine, Citrus



QUICK SPECS

GENETIC ORIGIN	50 % Nugget, 25 % Zeus, 25 % USDA 19058m
MATURITY	Late
MAIN GROWING COUNTRY	USA
YIELD (KG/HA)	2,800 - 3,100

RESISTANCE AGAINST DISEASES

POWDERY MILDEW	Tolerant
DOWNY MILDEW	Tolerant

CHEMICAL INGREDIENTS – BITTER COMPONENTS

ALPHA ACID	13.0 - 15.0%
BETA ACID	4.0 - 5.0%
CO-HUMULONE	22 - 26%

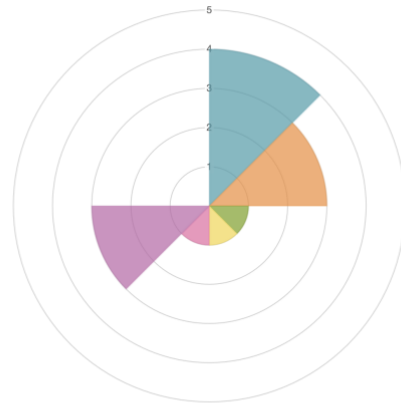
CHEMICAL INGREDIENTS – AROMA COMPONENTS

TOTAL OILS	2.5 - 4.0 ml/100g
BETA-CARYOPHYLLENE: HUMULENE	0.30 - 0.40%
LINALOOL % OF TOTAL OIL	0.6 - 1.0%
LINALOOL: ALPHA-ACID	0.05 - 0.10%

POLYPHENOLES

XANTHOHUMOL (EBC 7.7)	0.5 - 0.7%
TOTAL POLYPHENOLES	2.5 - 3.0

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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