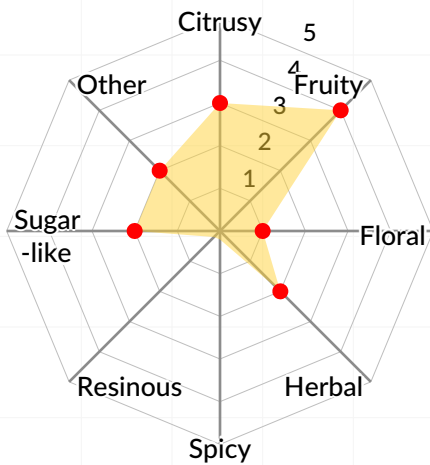


AROMA EVALUATION



VISUAL EVALUATION



AROMA SPECIFICATION

berry jam, tropical fruit, grapefruit, herbal

GENETIC ORIGIN

75% Cascade

AGRONOMIC ASPECTS

GROWING

Maturity	Medium to Late
Main Growing Country	USA

CHEMICAL INGREDIENTS

BITTER COMPONENTS

Alpha-Acid %	4.0 - 7.0
Beta-Acid %	4.5 - 7.0
Co-Humulone % rel.	29 - 32

AROMA COMPONENTS

Total Oils (ml/100g)	2.0 - 2.6
Beta-Caryophyllene: Humulene	0.55 - 0.65
Linalool % of total Oil	0.8 - 1.3
Linalool: Alpha-Acid	0.18 - 0.20

HOP ALTERNATIVES

BREWHOUSE
Cascade

HOPS HOTLINE
800.339.8710