



The Australian hop variety *Galaxy* is a high alpha dual purpose seedless cultivar with a marked and unique hop aroma. Bred by Hop Products Australia at their Rostrevor Breeding Garden Victoria, and currently grown in Victoria and Tasmania.

Galaxy, when added late in the boil, has been found to impart a unique and pleasant flavour to beer. The striking flavour has been described as a combination of citrus and passionfruit, whilst still contributing significant bittering.

Origin

Galaxy was bred by Hop Products Australia at their Rostrevor Breeding Garden in Victoria in 1994. It was bred by crossing a female tetraploid (J78) with a male derived from *Perle*.

Galaxy is 2/3 J78 and 1/3 a male derived from the Germany cultivar *Perle*.

GALAXY

Analytical Data

Yield (Kg/Ha)	2800—3800
Alpha acids (%)	13.5—14.8
Beta acids (%)	5.8—6.0
Alpha/Beta Ratio	2.3
Cohumulone (%)	35.0
Total Oils (ml/100g)	2.4—2.7
Myrcene (% of whole oil)	33—42
Beta Caryophyllene (% of whole oil)	9—12
Farnesene (% of whole oil)	4—6
Humulene(% of whole oil)	0.1—0.2
β & α Selinene (% of whole oil)	6—17
Humulene/Caryophyllene ratio	0.1—0.2

Hop Acids by HPLC (ICE)

Steam distilled essential oil analyzed by GC-MS

The analytical values are typical for each variety at harvest time but values can vary among crop years, growing areas, growers, and with aging after harvest.

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