



Galena

U.S.
High Alpha Hop

Galena is the ancient Roman term for the mineral galenite which occurs in the soils of Oregon and gives its name to the hop variety grown there. Galena is a high alpha acids variety developed in the USDA breeding program in Idaho and released as a variety in 1978. It is characterized by high alpha acids and a relatively high content of beta acids.

Pedigree	Open pollination of Brewers Gold
Aroma	Mild citrus notes
Alpha Acids*	11.5 - 13.5 %
Beta Acids	7.2 - 8.7 %
Cohumulone	36 - 40 % of alpha acids
Total Oil	0.9 - 1.3 ml/100g
Myrcene	55 - 60 % of total oil
Humulene	10 - 13 % of total oil
Caryophyllene	3 - 5 % of total oil
Farnesene	< 1 % of total oil
Storage Stability	Very good to excellent

* Alpha acids are determined by conductometric titration (EBC 7.4) in Europe; by spectrophotometric (ASBC Hops-6) in USA