

Hop resins

Total resins

25-30 % w/w



Author: Hop Research Institute

| | | |
|----------------------|-------------------|---------------|
| Alpha-bitter acids | 12-16 % w/w | |
| Beta-bitter acids | 6-10 % w/w | |
| Ratio α/β | 1,6-2,1 | |
| Cohumulone | 21-26 % rel. | |
| Colupulone | 45-50 % rel. | |
| Essential oils | Total oils | 1,5-2,5 % w/w |
| Myrcene | 40-60 % rel. | |
| Linalole | 0,5-0,9 % rel. | |
| 2-undekanone | 1,0-2,5 % rel. | |
| Methyl-4-decenoate | 1,5-3,0 % rel. | |
| Caryofylene | 5-8 % rel. | |
| Humulene | 2-5 % rel. | |
| Farnesene | 1-3 % rel. | |
| Selinene | 7-15 % rel. | |
| Hop polyphenols | Total polyphenols | 3,5-4,5 % w/w |
| Xanthohumol | 0,7-1,0 % w/w | |
| DMX | 0,25-0,4% w/w | |

Selection from the progeny of F1 generation after mother plant Agnus and other breeding material. It is the result of hop breeding aimed at pharmaceutical and biomedical purposes. It shows high contents of xanthohumol and DMX which have good effect at human health. Therefore the name Vital "healthy".

The variety has been registered in 2008

Brewing use - bitter variety, dual purpose, recommended for the first and the second hopping

For more information (Aroma charts, chromatograms, genetic and any other characteristics) use [The variety atlas](#) .