

POLARIS

VARIETY INFORMATION



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Gentic Origin
94/075/758 x 97/060/720 (div. Huell material)

Agronomic Aspects	
Growing	
Classification	Dual Purpose
Maturity	Very Late
Main Growing Country	Germany
Acreage (ha)	36
Resistance against Diseases	
Wilt diseases	Resistant
Downy mildew	Susceptible
Powdery mildew	Susceptible
Aphid	Susceptible

Chemical Ingredients	
Bitter Components	
Alpha-Acid %	19 - 23
Beta-Acid %	4 - 6
Co-Humulone % rel.	22 - 28
Hard Resins : Alpha-Acid	0.15 - 0.17
Polyphenoles	
Total Polyphenoles	3.3
Xanthohumol (EBC 7.7)	0.7 - 1
Aroma Components	
Total Oils (ml/100g)	2.4 - 4.4
Beta-Caryophyllen: Humulene	0.4
Farnesen % of total Oil	< 1
Linalool % of total Oil	0.1 - 0.4
Linalool: Alpha-Acid	0.01 - 0.02

Aroma Evaluation (Smell of Raw Hops, 0-5)					
Aroma Specification	menthol, ice wine, pineapple				
Fruity					
Floral					
Citrusy					
Spicy					
Earthy / Resinous					
Herbal					
Sugar-like					

Substitutes
Brewhouse
Herkules

Simon H. Steiner, Hopfen, GmbH

Auhofstraße 18 | D-84048 Mainburg, Germany
Tel +49 (0) 87 51-86 05-0 | Fax +49 (0) 87 51-86 05-80
E-mail info@hopsteiner.de

S.S. Steiner, Inc.

655 Madison Avenue, New York, N.Y., 10065, USA
Tel +1 212 838-8900 | Fax +1 212 593-4238
E-mail sales@hopsteiner.com

Steiner Hops Limited

319 A High Street, Epping, Essex CM16 4DA, England
Tel +44 (0) 1992 572 331 | Fax +44 (0) 1992 573 780
E-mail enquiries@hopsteiner.co.uk

Steiner Asia

Hopsteiner Trading (Zhuhai) Co., Ltd.
Suite 15 C, Jiu Chang Building, No. 8, Hai Zhou Road, Ji Da District,
Zhuhai, Guangdong, China 519015
Tel +86 756 322-3340 | Fax +86 756 322-3345
E-mail info@hopsteiner.com.cn