

Altbier

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **43**
- SRM **10**
- Style **Düsseldorf Altbier**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Monachijski	5 kg (100%)	80 %	22

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnat	25 g	45 min	11.2 %
Boil	Tradition	50 g	15 min	5.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
altbier gozdawa	Ale	Dry	10 g	White Labs