

# Altbier

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- Gravity **12.9 BLG**
- ABV ---
- IBU **30**
- SRM **12.5**
- Style **Northern German Altbier**

## Batch size

- Expected quantity of finished beer **16 liter(s)**
- Trub loss **5 %**
- Size with trub loss **16.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **20.2 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **10.6 liter(s)**
- Total mash volume **14.2 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Monachijski typ I	3.4 kg (95.8%)	79 %	16
Grain	Caraaroma	0.15 kg (4.2%)	78 %	400

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	15 g	60 min	13.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
gozdawa old german	Ale	Dry	10 g	---