

# Bitter

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- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **33**
- SRM **7.8**
- Style **Standard/Ordinary Bitter**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.2 liter(s)**
- Total mash volume **21.6 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Fawcett - Crystal	0.4 kg (7.4%)	70 %	160
Grain	Simpsons - Maris Otter	5 kg (92.6%)	81 %	6

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	East Kent Goldings	50 g	60 min	5.1 %
Boil	East Kent Goldings	50 g	10 min	5.1 %
Boil	East Kent Goldings	30 g	1 min	5.1 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11 g	Fermentis