

## Porter

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- Gravity **5.1 BLG**
- ABV **1.9 %**
- IBU ---
- SRM ---
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **4 liter(s)**
- Total mash volume **5 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	1 kg (100%)	--- %	---

### Hops

Use for	Name	Amount	Time	Alpha acid
Mash	lunga	100 g	60 min	10.6 %