

Msh

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **28**
- SRM **5.4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **4 liter(s)**
- Trub loss **5 %**
- Size with trub loss **4.2 liter(s)**
- Boil time **15 min**
- Evaporation rate **10 %/h**
- Boil size **4.7 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **3.5 liter(s)**
- Total mash volume **4.5 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Castle Pale Ale	1 kg (100%)	80 %	8

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Sybilla	10 g	15 min	10 %