

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **65**
- SRM **3.2**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **65 liter(s)**
- Trub loss **5 %**
- Size with trub loss **68.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **82.3 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **33 liter(s)**
- Total mash volume **44 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	11 kg (78.6%)	80 %	5
Sugar	cukier	3 kg (21.4%)	--- %	---

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	50 g	30 min	13.2 %
Boil	Magnum	100 g	60 min	13.5 %