

- 
- Gravity **14.3 BLG**
  - ABV ---
  - IBU **64**
  - SRM **5.6**
  - Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **37 liter(s)**
- Trub loss **5 %**
- Size with trub loss **38.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **46.8 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **31.8 liter(s)**
- Total mash volume **42.4 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	10 kg (94.3%)	80 %	5
Grain	Weyermann - Carared	0.6 kg (5.7%)	75 %	45

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	90 g	60 min	12.7 %