

apa.

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- Gravity **11.7 BLG**
  - ABV **4.7 %**
  - IBU **24**
  - SRM **3.2**
  - Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **10 %**
- Size with trub loss **26.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **20 %/h**
- Boil size **34.3 liter(s)**

### Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

### Fermentables

| Type  | Name                 | Amount      | Yield | EBC |
|-------|----------------------|-------------|-------|-----|
| Grain | Viking Pale Ale malt | 5 kg (100%) | 81 %  | 4   |

### Hops

| Use for             | Name   | Amount | Time   | Alpha acid |
|---------------------|--------|--------|--------|------------|
| Boil                | Simcoe | 17 g   | 60 min | 11.5 %     |
| Aroma (end of boil) | Simcoe | 30 g   | 5 min  | 11.5 %     |