

Pipa

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **66**
- SRM **4.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|-------------|-------|-----|
| Grain | Viking Pale Ale malt | 6 kg (100%) | 80 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | lunga | 20 g | 60 min | 11 % |
| Boil | Oktawia | 30 g | 20 min | 7.1 % |
| Boil | lunga | 30 g | 20 min | 11 % |
| Boil | lunga | 30 g | 5 min | 11 % |
| Boil | Oktawia | 30 g | 5 min | 7.1 % |