

Fripalestajla

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **70**
- SRM **3.6**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **10 %**
- Size with trub loss **16.5 liter(s)**
- Boil time **35 min**
- Evaporation rate **10 %/h**
- Boil size **19.1 liter(s)**

Mash information

- Mash efficiency **88 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9 liter(s)**
- Total mash volume **12 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | viking caramel pale | 0.7 kg (23.3%) | 77 % | 8 |
| Grain | Viking Pale Ale malt | 1.3 kg (43.3%) | 80 % | 5 |
| Grain | Viking Pilsner malt | 1 kg (33.3%) | 82 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|----------|------------|
| Boil | Magnum | 30 g | 30 min | 13.5 % |
| Boil | Oktawia | 30 g | 30 min | 7.1 % |
| Dry Hop | Galaxy | 25 g | 5 day(s) | 15 % |