

Westc

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **20**
- SRM **4.3**

Batch size

- Expected quantity of finished beer **500 liter(s)**
- Trub loss **5 %**
- Size with trub loss **550 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **660 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **481.3 liter(s)**
- Total mash volume **618.8 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|-----------------|-------|-----|
| Grain | Viking Pale Ale malt | 137.5 kg (100%) | 80 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|------------|--------|--------|------------|
| Boil | Bravo | 320 g | 60 min | 15.5 % |
| Whirlpool | Citra | 150 g | 1 min | 13.5 % |
| Whirlpool | Amarillo | 250 g | 1 min | 8.8 % |
| Whirlpool | Centennial | 250 g | 1 min | 9.4 % |