

Stout

- Gravity **12.9 BLG**
- ABV ---
- IBU **32**
- SRM **38.8**
- Style **Dry Stout**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

Mash information

- Mash efficiency **80 %**
- 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 Pale Ale malt | 2 kg (66.7%) | 80 % | 5 |
| Grain | Jęczmień palony | 0.3 kg (10%) | 55 % | 985 |
| Grain | Płatki owsiane | 0.2 kg (6.7%) | 85 % | 3 |
| Grain | Caraaroma | 0.5 kg (16.7%) | 78 % | 400 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil | Magnum | 13 g | 60 min | 13.5 % |