

RIS

- Gravity **25.1 BLG**
- ABV **11.7 %**
- IBU **51**
- SRM **38**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **23.8 liter(s)**

Mash information

- Mash efficiency **78 %**
- Liquor-to-grist ratio **2 liter(s) / kg**
- Mash size **17.6 liter(s)**
- Total mash volume **26.4 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------------|----------------|--------|------|
| Grain | Weyermann - Pale Ale Malt | 6.7 kg (76.1%) | 85 % | 7 |
| Grain | Weyermann - Vienna Malt | 0.9 kg (10.2%) | 81 % | 8 |
| Grain | Jęczmień palony | 0.2 kg (2.3%) | 55 % | 985 |
| Grain | Weyermann - Dehusked Carafa III | 0.2 kg (2.3%) | 70 % | 1024 |
| Grain | Carafa | 0.2 kg (2.3%) | 70 % | 664 |
| Grain | Special B Malt | 0.3 kg (3.4%) | 65.2 % | 315 |
| Grain | Weyermann Caramunich 3 | 0.3 kg (3.4%) | 76 % | 150 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Marynka | 65 g | 60 min | 8.8 % |
| Boil | Marynka | 25 g | 15 min | 8.8 % |