

Smoked Foreign Extra Stout

- Gravity **16.8 BLG**
- ABV **7.1 %**
- IBU **66**
- SRM **32.7**
- Style **Foreign Extra Stout**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **19.9 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.5 liter(s)**
- Total mash volume **20.6 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------|----------------|-------|------|
| Grain | Viking Pale Ale malt | 2 kg (38.8%) | 80 % | 5 |
| Grain | Weyermann - Smoked Malt | 2 kg (38.8%) | 81 % | 6 |
| Grain | Simpsons - Crystal Dark | 0.5 kg (9.7%) | 74 % | 200 |
| Grain | Oats, Flaked | 0.3 kg (5.8%) | 80 % | 2 |
| Grain | Weyermann - Carafa III | 0.2 kg (3.9%) | 70 % | 1024 |
| Grain | Simpsons - Roasted Barley | 0.15 kg (2.9%) | 70 % | 1084 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Marynka | 50 g | 90 min | 10 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale | Dry | 11.5 g | Safale |