

Reality Is Subjective

- Gravity **25.1 BLG**
- ABV ---
- IBU **84**
- SRM **61.7**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **16.5 liter(s)**
- Boil time **120 min**
- Evaporation rate **15 %/h**
- Boil size **23.4 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **17.8 liter(s)**
- Total mash volume **24.9 liter(s)**

Steps

- Temp **64 C**, Time **90 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **17.8 liter(s)** of strike water to **72.8C**
- Add grains
- Keep mash **90 min** at **64C**
- Keep mash **10 min** at **76C**
- Sparge using **12.7 liter(s)** of **76C** water or to achieve **23.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------------|----------------|-------|------|
| Grain | Castle Pale Ale | 4.5 kg (63.4%) | 80 % | 8 |
| Grain | Weyermann - Light Munich Malt | 1 kg (14.1%) | 82 % | 14 |
| Grain | Oats, Flaked | 0.6 kg (8.5%) | 80 % | 2 |
| Grain | Fawcett - Pale Chocolate | 0.25 kg (3.5%) | 71 % | 600 |
| Grain | Fawcett - Crystal Wheat | 0.25 kg (3.5%) | 73 % | 90 |
| Grain | Carafa III | 0.25 kg (3.5%) | 70 % | 1034 |
| Grain | Weyermann - Dehusked Carafa III | 0.25 kg (3.5%) | 70 % | 1024 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil | Simcoe | 50 g | 60 min | 13.2 % |
| Boil | East Kent Goldings | 50 g | 60 min | 5.1 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 23 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|--------|-----------------|--------|-----------|----------|
| Flavor | cocoa nibs | 100 g | Secondary | 7 day(s) |
| Flavor | pecan | 200 g | Secondary | 7 day(s) |
| Flavor | 2 laski wanilii | 2 g | Secondary | 7 day(s) |
| Flavor | platki debowe | 20 g | Secondary | 7 day(s) |