

Russian Imperial Stout

- Gravity **27.9 BLG**
- ABV **13.4 %**
- IBU **47**
- SRM **50.1**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **3 %**
- Size with trub loss **25.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **28.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **1.65 liter(s) / kg**
- Mash size **19.6 liter(s)**
- Total mash volume **31.5 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|---------------------------------|----------------|--------|------|
| Grain | Viking - Pale Ale | 6.4 kg (48.3%) | 80 % | 7 |
| Grain | Weyermann - Carapils | 1.2 kg (9.1%) | 78 % | 4 |
| Grain | Thomas Fawcett - owsiany | 1.2 kg (9.1%) | 80.5 % | 5 |
| Grain | Weyermann - Abbey | 0.7 kg (5.3%) | 75 % | 45 |
| Grain | Castle malting - Biscuit | 0.5 kg (3.8%) | 79 % | 50 |
| Grain | Weyermann - Caramunich Typ II | 0.6 kg (4.5%) | 73 % | 120 |
| Grain | Thomas Fawcett - Pale Chocolate | 0.5 kg (3.8%) | 71 % | 625 |
| Grain | Weyermann - Carafa II | 0.8 kg (6%) | 70 % | 1150 |
| Liquid Extract | Ekstrakt słodowy jasny | 1 kg (7.5%) | 76 % | 15 |
| Dry Extract | Maltodekstryna | 0.35 kg (2.6%) | 100 % | 0 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---|--------|--------|------------|
| Boil | gorzyczkowy Marynka - szyszki własny zbiór | 80 g | 60 min | 10 % |
| Boil | aromatyczny East Kent Goldings - szyszki własny zbiór | 50 g | 15 min | 5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|-------|--------|------------|
| Safale S-33 | Ale | Slant | 140 ml | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|----------------|--------|---------|------|
| Water Agent | Kwas cytrynowy | 5 g | Mash | --- |

Notes

- Można zwiększyć Carafa II do 1,0 kg, Marynka do 100 g
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