

# Smoked RIS

- Gravity **22.5 BLG**
- ABV **10.2 %**
- IBU **37**
- SRM **52.1**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.6 liter(s) / kg**
- Mash size **12.2 liter(s)**
- Total mash volume **16.9 liter(s)**

## Fermentables

| Type  | Name                       | Amount         | Yield | EBC  |
|-------|----------------------------|----------------|-------|------|
| Grain | Viking Pale Ale malt       | 2.5 kg (53.2%) | 80 %  | 5    |
| Grain | Płatki owsiane             | 0.5 kg (10.6%) | 85 %  | 3    |
| Grain | Strzegom Monachijski typ I | 0.5 kg (10.6%) | 79 %  | 16   |
| Grain | Wędzony bukiem Viking Malt | 0.7 kg (14.9%) | 82 %  | 10   |
| Grain | Jęczmień palony            | 0.2 kg (4.3%)  | 55 %  | 985  |
| Grain | Extra black                | 0.3 kg (6.4%)  | 65 %  | 1400 |

## Hops

| Use for | Name                   | Amount | Time   | Alpha acid |
|---------|------------------------|--------|--------|------------|
| Boil    | Columbus/Tomahawk/Zeus | 15 g   | 60 min | 15.5 %     |
| Boil    | Golding                | 15 g   | 5 min  | 6.2 %      |

## Yeasts

| Name        | Type | Form  | Amount  | Laboratory |
|-------------|------|-------|---------|------------|
| Safale S-04 | Ale  | Slant | 1000 ml | Safale     |

## Notes

- Uwarzone ok 31.12.2020  
Zabutelkowane 07.02.2021  
Feb 7, 2021, 12:24 PM