

# riswhisky&chocolate

- Gravity **27.9 BLG**
- ABV **13.4 %**
- IBU **78**
- SRM **43.1**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **14 liter(s)**
- Trub loss **5 %**
- Size with trub loss **14.7 liter(s)**
- Boil time **75 min**
- Evaporation rate **10 %/h**
- Boil size **18.1 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **24.8 liter(s)**
- Total mash volume **33 liter(s)**

## Fermentables

| Type  | Name   | Amount        | Yield | EBC  |
|-------|--|---------------|-------|------|
| Grain | Pilzneński                                   | 2 kg (24.2%)  | 81 %  | 4    |
| Grain | Weyermann - Pale Ale Malt                    | 3 kg (36.4%)  | 85 %  | 7    |
| Grain | Monachijski typ II<br>20-25 EBC<br>Weyermann | 0.6 kg (7.3%) | 80 %  | 20   |
| Grain | Barley, Torrefied                            | 1 kg (12.1%)  | 79 %  | 4    |
| Grain | Weyermann - Chocolate Rye                    | 0.25 kg (3%)  | 20 %  | 493  |
| Grain | Fawcett - Pale Chocolate                     | 0.3 kg (3.6%) | 71 %  | 600  |
| Grain | Jęczmień palony                              | 0.2 kg (2.4%) | 55 %  | 985  |
| Grain | Strzegom Karmel 300                          | 0.1 kg (1.2%) | 70 %  | 299  |
| Grain | Weyermann - Carafa III                       | 0.1 kg (1.2%) | 70 %  | 1024 |
| Grain | Pszeniczny                                   | 0.2 kg (2.4%) | 85 %  | 4    |
| Grain | Płatki owsiane                               | 0.2 kg (2.4%) | 85 %  | 3    |
| Grain | Żytni  | 0.3 kg (3.6%) | 85 %  | 8    |

## Hops

| Use for             | Name    | Amount | Time   | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Boil                | Marynka | 60 g   | 60 min | 7.4 %      |
| Boil                | Marynka | 50 g   | 40 min | 7.4 %      |
| Aroma (end of boil) | Marynka | 40 g   | 15 min | 7.4 %      |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

|                         |     |       |        |                  |
|-------------------------|-----|-------|--------|------------------|
| FM52 Amerykański<br>Sen | Ale | Slant | 200 ml | Fermentum Mobile |
|-------------------------|-----|-------|--------|------------------|