

RIS z ekstraktu

- Gravity **24.9 BLG**
- ABV **11.6 %**
- IBU **74**
- SRM **47.8**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **13 liter(s)**
- Trub loss **5 %**
- Size with trub loss **14.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **16.4 liter(s)**

Mash information

- Mash efficiency **67 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size --- **liter(s)**
- Total mash volume --- **liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|-----------------------------------|----------------|--------|-----|
| Liquid Extract | Bruntal ekstrakt słodowy Pale Ale | 3.4 kg (69.4%) | 80 % | 35 |
| Sugar | Milk Sugar (Lactose) | 0.5 kg (10.2%) | 76.1 % | 0 |
| Liquid Extract | Bruntal ekstrakt słodowy ciemny | 1 kg (20.4%) | 90 % | 621 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------|--------|--------|------------|
| Boil | lunga | 40 g | 60 min | 10 % |
| Boil | lunga | 40 g | 30 min | 10 % |