

Uro23

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **52**
- SRM **4.4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **5 %**
- Size with trub loss **17.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **21.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.9 liter(s)**
- Total mash volume **17.2 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3 kg (69.8%)	80 %	5
Grain	Cara-Pils/Dextrine	0.3 kg (7%)	72 %	4
Grain	Rice, Flaked	0.3 kg (7%)	70 %	2
Grain	Strzegom Wiedeński	0.7 kg (16.3%)	79 %	10

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	20 g	60 min	12.5 %
Aroma (end of boil)	Oktawia	30 g	5 min	7.1 %
Aroma (end of boil)	Vic Secret	30 g	5 min	18 %
Aroma (end of boil)	lunga	10 g	1 min	11 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM12 W szkocką kratę	Ale	Slant	250 ml	Fermentum Mobile