

Imperial Robust Porter

- Gravity **22.5 BLG**
- ABV **10.2 %**
- IBU **48**
- SRM **12.6**
- Style **Robust Porter**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **20.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **23.3 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal Pale Ale	3.4 kg (52.3%)	80 %	35
Liquid Extract	Bruntal ekstrakt słodowy pszeniczny	0.3 kg (4.6%)	80 %	30
Liquid Extract	ekstrakt słodowy karmelowy	1.8 kg (27.7%)	80 %	6
Sugar	Cukier trzcinowy	1 kg (15.4%)	98 %	10

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	60 g	60 min	7.7 %
Boil	Equinox	10 g	15 min	12.4 %
Aroma (end of boil)	Equinox	10 g	10 min	12.4 %
Aroma (end of boil)	Amarillo	15 g	7 min	9.2 %
Aroma (end of boil)	Ahtanum	20 g	5 min	5 %
Aroma (end of boil)	Amarillo	15 g	0 min	9.2 %
Dry Hop	Amarillo	25 g	3 day(s)	9.2 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11 g	Safale