

Coffee Bourbon Robust Porter

- Gravity **15.9 BLG**
- ABV **6.7 %**
- IBU **33**
- SRM **22.9**
- Style **Robust Porter**

Batch size

- Expected quantity of finished beer **12.5 liter(s)**
- Trub loss **4 %**
- Size with trub loss **13 liter(s)**
- Boil time **70 min**
- Evaporation rate **20 %/h**
- Boil size **16.5 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **12.1 liter(s)**
- Total mash volume **15.8 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **12.1 liter(s)** of strike water to **74.1C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **10 min** at **76C**
- Sparge using **8.1 liter(s)** of **76C** water or to achieve **16.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	2.3 kg (62.6%)	79 %	6
Grain	Strzegom Monachijski typ I	0.5 kg (13.6%)	79 %	16
Grain	Strzegom Pilzneński	0.5 kg (13.6%)	80 %	4
Grain	Special X	0.25 kg (6.8%)	75 %	350
Grain	Carafa II	0.125 kg (3.4%)	1 %	900

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	20 g	60 min	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
Danstar - Nottingham	Ale	Slant	50 ml	---

Extras

Type	Name	Amount	Use for	Time
Water Agent	gips piwowarski	2 g	Mash	60 min