

Smoked Imperial Stout

- Gravity **24.6 BLG**
- ABV **11.4 %**
- IBU **88**
- SRM **69.5**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **6 liter(s)**
- Total mash volume **8 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal	3.4 kg (63%)	81 %	26
Grain	Jęczmień palony	0.5 kg (9.3%)	55 %	985
Grain	Słód Wędzony Steinbach	1 kg (18.5%)	65 %	5
Grain	Strzegom Czekoladowy ciemny	0.5 kg (9.3%)	68 %	1200

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	50 g	60 min	15.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-33	Ale	Slant	300 ml	Safale