

#3 Christmas Beer

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **30**
- SRM **3.7**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.5 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	4 kg (80%)	81 %	4
Grain	Weyermann pszeniczny jasny	1 kg (20%)	80 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	20 g	60 min	14.6 %