

Xx04

- Gravity **10.7 BLG**
- ABV **4.3 %**
- IBU **49**
- SRM **7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.6 liter(s)**
- Total mash volume **12.8 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Karmel 30	3.2 kg (100%)	--- %	15

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	30 g	40 min	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-33	Ale	Dry	6 g	Fermentis