APA

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **88**
- SRM **4.2**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg *(83.3%)*	81 %	4
Grain	Pszeniczny	1 kg *(16.7%)*	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	90 g	15 min	12 %
Boil	Mosaic	60 g	15 min	11.7 %

Yeasts

Name	Type	Form	Amount	Laboratory
us-04	Ale	Dry	11 g	---