

APA

- Gravity **13.1 BLG**
- ABV ---
- IBU **66**
- SRM **7.3**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

Mash information

- Mash efficiency **57 %**
- 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	Pale ale	3.2 kg (100%)	79 %	6.5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	5 g	60 min	10 %
Boil	Citra	10 g	60 min	12 %
Boil	Amarillo	5 g	30 min	9.5 %
Boil	Mosaic	10 g	30 min	10 %
Boil	Amarillo	10 g	0 min	9.5 %
Boil	Mosaic	5 g	0 min	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
Fermentum Mobile FM52 AMERYKAŃSKI SEN	Ale	Liquid	30 ml	---