

APA

- Gravity **15.4 BLG**
- ABV **6.5 %**
- IBU **23**
- SRM **4.2**
- Style **American Pale Ale**

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 **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód PILZNEŃSKI Viking Malt	6 kg (92.3%)	80 %	4
Grain	Płatki owsiane	0.5 kg (7.7%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	10 g	30 min	10 %
Aroma (end of boil)	Cascade	40 g	20 min	4 %
Boil	Amarillo	10 g	30 min	9.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
US West Coast	Ale	Dry	10 g	Gozdawa