

## Apa

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- Gravity **10.7 BLG**
- ABV ---
- IBU **47**
- SRM ---
- 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 **11.7 liter(s)**
- Total mash volume **15.6 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Slód Pilzneński	3 kg (76.9%)	--- %	---
Grain	Słód Pszeniczny Jasny	0.9 kg (23.1%)	--- %	---

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Equinox	20 g	50 min	13.1 %
Boil	Ahtanum	30 g	20 min	3.4 %
Boil	Cascade	30 g	5 min	7.7 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Us-05	Ale	Dry	11 g	Fermentis