

# moja apa

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- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **32**
- SRM **4.1**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **14 liter(s)**
- Trub loss **5 %**
- Size with trub loss **14.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **17.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **11.1 liter(s)**
- Total mash volume **14.8 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzniejszy	2.5 kg (67.6%)	80 %	4
Grain	Strzegom Pszeniczny	1.2 kg (32.4%)	81 %	6

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	8 g	45 min	12 %
Aroma (end of boil)	Citra	20 g	10 min	12 %
Aroma (end of boil)	Galaxy	12 g	5 min	15 %

## Yeasts

Name	Type	Form	Amount	Laboratory
us-05	Ale	Dry	11.5 g	---