

# Grodziska APA

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- Gravity **9.5 BLG**
- ABV ---
- IBU **24**
- SRM **2.8**
- Style **Grodziskie/Graetzer**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **13.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **6 liter(s)**
- Total mash volume **8 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Grodziski pszeniczny wędzony dębem	1 kg (50%)	80 %	3
Grain	Pszeniczny	1 kg (50%)	85 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade PL	10 g	10 min	5.2 %
Boil	Citra	10 g	5 min	13.5 %
Boil	Chinook	5 g	50 min	13 %

## Yeasts

Name	Type	Form	Amount	Laboratory
S 33	Wheat	Dry	10 g	---