

# Cascade Polska Pale Ale

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- Gravity **11.4 BLG**
- ABV ---
- IBU **59**
- SRM **4.4**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **10 %**
- Size with trub loss **12.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **14.5 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **10.5 liter(s)**
- Total mash volume **13.5 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	BESTMALZ - Best Pilsen	1 kg (33.3%)	80.5 %	4
Grain	BESTMALZ - Bestt Pale Ale	2 kg (66.7%)	80.5 %	6

## Hops

Use for	Name	Amount	Time	Alpha acid
Aroma (end of boil)	Cascade	100 g	15 min	6 %

## Yeasts

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

## Notes

- Fermentacja 19'C otoczenie  
*Apr 25, 2017, 8:00 AM*