

# Kolejna IPA

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- Gravity **18.9 BLG**
- ABV **8.2 %**
- IBU **31**
- SRM **7**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **16.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg (83.3%)	81 %	4
Grain	Carahell	1 kg (16.7%)	77 %	26

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	southern star	10 g	60 min	15.8 %
Aroma (end of boil)	southern star	40 g	5 min	15.8 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM53 Voss kveik	Ale	Slant	200 ml	FM