

# Galaktyka K.

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- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **57**
- SRM **6**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.5 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)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **75 C**, Time **10 min**

## Mash step by step

- Heat up **18 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **10 min** at **75C**
- Sparge using **14.5 liter(s)** of **76C** water or to achieve **26.5 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount        | Yield | EBC |
|-------|----------------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt       | 5 kg (83.3%)  | 80 %  | 5   |
| Grain | Strzegom Karmel 30         | 0.5 kg (8.3%) | 75 %  | 30  |
| Grain | Caramel/Crystal Malt - 10L | 0.5 kg (8.3%) | 75 %  | 20  |

## Hops

| Use for             | Name   | Amount | Time     | Alpha acid |
|---------------------|--------|--------|----------|------------|
| Boil                | Galaxy | 50 g   | 30 min   | 15 %       |
| Aroma (end of boil) | Galaxy | 50 g   | 0 min    | 15 %       |
| Dry Hop             | Galaxy | 50 g   | 5 day(s) | 15 %       |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 11.5 g | ---        |