

# AIPA5

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- Gravity **17.1 BLG**
- ABV **7.3 %**
- IBU **41**
- SRM **5.8**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.7 liter(s)**

## Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **22.9 liter(s)**
- Total mash volume **29.5 liter(s)**

## Steps

- Temp **66 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **0 min**

## Mash step by step

- Heat up **22.9 liter(s)** of strike water to **72.6C**
- Add grains
- Keep mash **40 min** at **66C**
- Keep mash **20 min** at **72C**
- Keep mash **0 min** at **76C**
- Sparge using **11.4 liter(s)** of **76C** water or to achieve **27.7 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount         | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 4 kg (61.1%)   | 80 %  | 5   |
| Grain | Pszeniczny           | 2 kg (30.5%)   | 85 %  | 4   |
| Grain | Strzegom Karmel 150  | 0.1 kg (1.5%)  | 75 %  | 150 |
| Grain | Caramunich® typ I    | 0.05 kg (0.8%) | 73 %  | 80  |
| Grain | Płatki pszeniczne    | 0.4 kg (6.1%)  | 85 %  | 3   |

## Hops

| Use for             | Name       | Amount | Time     | Alpha acid |
|---------------------|------------|--------|----------|------------|
| Boil                | Warrior    | 30 g   | 40 min   | 15.5 %     |
| Aroma (end of boil) | Centennial | 20 g   | 5 min    | 10.5 %     |
| Aroma (end of boil) | Rakau (NZ) | 10 g   | 5 min    | 9.5 %      |
| Aroma (end of boil) | Mosaic     | 10 g   | 5 min    | 10 %       |
| Dry Hop             | Simcoe     | 50 g   | 2 day(s) | 13.2 %     |
| Dry Hop             | Chinook    | 50 g   | 2 day(s) | 13 %       |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

|                |     |     |      |         |
|----------------|-----|-----|------|---------|
| Danstar BRY-97 | Ale | Dry | 11 g | danstar |
|----------------|-----|-----|------|---------|