

Amber AIPA

- Gravity **18.4 BLG**
- ABV **8 %**
- IBU **73**
- SRM **26.8**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.9 liter(s)**
- Total mash volume **30.5 liter(s)**

Steps

- Temp **65 C**, Time **45 min**
- Temp **72 C**, Time **15 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **22.9 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **45 min** at **65C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **10 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński | 5 kg (65.5%) | 80 % | 4 |
| Grain | Monachijski | 0.5 kg (6.6%) | 80 % | 16 |
| Grain | Słód Caramunich Typ II Weyermann | 0.6 kg (7.9%) | 73 % | 120 |
| Grain | Special B Castle | 0.43 kg (5.6%) | 70 % | 350 |
| Grain | Rahr - Red Wheat Malt | 0.45 kg (5.9%) | 85 % | 89 |
| Grain | Strzegom Karmel 300 | 0.65 kg (8.5%) | 70 % | 299 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|---------|--------|----------|------------|
| Boil | Marynka | 30 g | 60 min | 10 % |
| Boil | Marynka | 20 g | 45 min | 10 % |
| Boil | Citra | 20 g | 30 min | 12 % |
| Boil | Citra | 20 g | 15 min | 12 % |
| Boil | Cascade | 20 g | 10 min | 6 % |
| Aroma (end of boil) | Cascade | 20 g | 0 min | 6 % |
| Dry Hop | Citra | 10 g | 7 day(s) | 12 % |

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|---------|---------|------|----------|-----|
| Dry Hop | Cascade | 10 g | 7 day(s) | 6 % |
|---------|---------|------|----------|-----|

Yeasts

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