

American Amber Ale II

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **26**
- SRM **8.2**
- Style **American Amber Ale**

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 **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **1 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 **72C**
- Keep mash **1 min** at **78C**
- Sparge using **13.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt | 4.5 kg (75%) | 80 % | 5 |
| Grain | Caramunich® typ I | 0.5 kg (8.3%) | 73 % | 80 |
| Grain | Cookie Viking Malt | 0.3 kg (5%) | 72 % | 45 |
| Grain | Żytni | 0.2 kg (3.3%) | 85 % | 8 |
| Grain | Płatki owsiane | 0.5 kg (8.3%) | 60 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------|--------|--------|------------|
| Boil | Mosaic | 20 g | 60 min | 10 % |
| Aroma (end of boil) | Simcoe | 10 g | 10 min | 13.2 % |
| Aroma (end of boil) | Mosaic | 10 g | 1 min | 10 % |
| Whirlpool | Simcoe | 20 g | 1 min | 13.2 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale K-97 | Ale | Dry | 11.5 g | Fermentis |