

WIPA2

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **47**
- SRM **4**
- Style **White IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **75 min**
- Evaporation rate **10 %/h**
- Boil size **25.9 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Steps

- Temp **52 C**, Time **20 min**
- Temp **66 C**, Time **15 min**
- Temp **74 C**, Time **20 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **20 min** at **52C**
- Keep mash **15 min** at **66C**
- Keep mash **20 min** at **74C**
- Keep mash **1 min** at **78C**
- Sparge using **15.9 liter(s)** of **76C** water or to achieve **25.9 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|--------------|-------|-----|
| Grain | Strzegom Pilzneński | 1 kg (20%) | 80 % | 4 |
| Grain | Strzegom pszeniczny | 1 kg (20%) | 81 % | 6 |
| Grain | Płatki owsiane | 0.4 kg (8%) | 85 % | 3 |
| Grain | Strzegom Pale Ale | 1.6 kg (32%) | 79 % | 6 |
| Grain | Płatki pszeniczne | 1 kg (20%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|----------|--------|----------|------------|
| Boil | Amarillo | 20 g | 75 min | 9.5 % |
| Boil | Cascade | 15 g | 75 min | 6 % |
| Boil | Cascade | 15 g | 15 min | 6 % |
| Boil | Amarillo | 10 g | 15 min | 9.5 % |
| Boil | Cascade | 20 g | 5 min | 6 % |
| Boil | Amarillo | 20 g | 5 min | 9.5 % |
| Dry Hop | Cascade | 50 g | 5 day(s) | 6 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------------------|-------|------|--------|------------|
| Brewferm Blanche | Wheat | Dry | 11.5 g | Brewferm |

Extras

| Type | Name | Amount | Use for | Time |
|-------|----------|--------|---------|-------|
| Spice | Kolendra | 10 g | Boil | 7 min |
| Spice | Curacao | 20 g | Boil | 7 min |