

APA Lite

- Gravity **7.3 BLG**
- ABV **2.8 %**
- IBU **35**
- SRM **4.2**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **10.5 liter(s)**
- Total mash volume **14 liter(s)**

Steps

- Temp **68 C**, Time **50 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **10.5 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **50 min** at **68C**
- Keep mash **5 min** at **78C**
- Sparge using **22 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|----------------|-------|-----|
| Grain | Strzegom Pale Ale | 1 kg (28.6%) | 79 % | 6 |
| Grain | Płatki pszeniczne | 0.5 kg (14.3%) | 70 % | 3 |
| Grain | Płatki jęczmienne | 0.5 kg (14.3%) | 70 % | 3 |
| Grain | Płatki żytnie | 0.5 kg (14.3%) | 70 % | 3 |
| Grain | Strzegom Monachijski typ II | 1 kg (28.6%) | 79 % | 22 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil | Galaxy | 15 g | 30 min | 14.5 % |
| Boil | Mosaic | 25 g | 5 min | 12 % |
| Boil | Galaxy | 25 g | 5 min | 14.5 % |