

Pszenica

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **28**
- SRM **3.4**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **48 liter(s)**
- Trub loss **5 %**
- Size with trub loss **50.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **63.5 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **37 liter(s)**
- Total mash volume **47.5 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **37 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **5 min** at **76C**
- Sparge using **37.1 liter(s)** of **76C** water or to achieve **63.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|---------------|-------|-----|
| Grain | Pszeniczny | 5.28 kg (50%) | 85 % | 4 |
| Grain | Strzegom Pilzneński | 5.28 kg (50%) | 80 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|----------|--------|--------|------------|
| Boil | Citra | 36 g | 60 min | 12 % |
| Boil | Amarillo | 36 g | 15 min | 9.5 % |
| Aroma (end of boil) | Citra | 72 g | 0 min | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| Us-05 | Ale | Dry | 26.4 g | Safale |