

Śmieciowe

- Gravity **17.7 BLG**
- ABV **7.6 %**
- IBU **107**
- SRM **4.3**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.8 liter(s)**
- Total mash volume **17 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|---------|------------------------|----------------|-------|-----|
| Grain | Jęczminny enzymatyczny | 0.25 kg (4.8%) | 76 % | 4 |
| Grain | Pszeniczny | 1 kg (19%) | 85 % | 4 |
| Grain | Pilzneński | 3 kg (57.1%) | 81 % | 4 |
| Grain | Płatki pszeniczne | 0.5 kg (9.5%) | 60 % | 3 |
| Adjunct | Płatki Żytnie | 0.5 kg (9.5%) | 60 % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------------------------|--------|----------|------------|
| Boil | Chinook | 30 g | 50 min | 13 % |
| Boil | Magnum | 20 g | 50 min | 12.7 % |
| Aroma (end of boil) | Chuj wie bo sie nazwa starła | 65 g | 10 min | 12 % |
| Dry Hop | Citra | 50 g | 3 day(s) | 12.6 % |

Yeasts

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