

AIPA1

- Gravity **16.4 BLG**
- ABV **6.9 %**
- IBU **55**
- SRM **9.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **120 min**
- Evaporation rate **10 %/h**
- Boil size **27.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.4 liter(s) / kg**
- Mash size **15.1 liter(s)**
- Total mash volume **21.4 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|----------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 5 kg (79.4%) | 85 % | 7 |
| Grain | Strzegom Monachijski typ I | 0.7 kg (11.1%) | 79 % | 16 |
| Grain | Cara Gold Castlemalting | 0.3 kg (4.8%) | 78 % | 120 |
| Grain | Weyermann - Melanoiden Malt | 0.3 kg (4.8%) | 81 % | 65 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------|--------|----------|------------|
| Boil | Cascade | 30 g | 105 min | 6 % |
| Boil | Cascade | 30 g | 65 min | 6 % |
| Boil | Willamette | 30 g | 20 min | 5 % |
| Aroma (end of boil) | Citra | 8 g | 15 min | 12 % |
| Aroma (end of boil) | Willamette | 30 g | 5 min | 5 % |
| Aroma (end of boil) | Amarillo | 15 g | 5 min | 9.5 % |
| Dry Hop | Cascade | 30 g | 7 day(s) | 6 % |

Yeasts

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