

Smoked Chili IPA

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **50**
- SRM **5.9**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **11.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **14.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **11.5 liter(s)**
- Total mash volume **14.8 liter(s)**

Steps

- Temp **64 C**, Time **60 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **11.5 liter(s)** of strike water to **70.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **10 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **6.3 liter(s)** of **76C** water or to achieve **14.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------------------------------|----------------|--------|-----|
| Grain | Pale Ale - Bestmalz | 1.5 kg (45.5%) | 80.5 % | 6 |
| Grain | Wędzony gruszą - Strzegom | 0.4 kg (12.1%) | 82 % | 10 |
| Grain | Wędzony wiśnią - Strzegom | 0.4 kg (12.1%) | 82 % | 10 |
| Grain | Pszoniczny wędzony dębem - Strzegom | 0.9 kg (27.3%) | 82 % | 10 |
| Grain | Acid Malt | 0.1 kg (3%) | 58.7 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|---------|--------|----------|------------|
| Boil | Warrior | 15 g | 60 min | 14.7 % |
| Boil | Mosaic | 5 g | 20 min | 12 % |
| Boil | Citra | 5 g | 10 min | 13.7 % |
| Aroma (end of boil) | Mosaic | 5 g | 0 min | 14.7 % |
| Aroma (end of boil) | Citra | 5 g | 0 min | 13.7 % |
| Dry Hop | Mosaic | 30 g | 3 day(s) | 14.7 % |
| Dry Hop | Citra | 50 g | 3 day(s) | 13.7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---------------------|-------|-------|--------|------------------|
| FM51 Grodzie Dębowe | Wheat | Slant | 100 ml | Fermentum Mobile |

Extras

| Type | Name | Amount | Use for | Time |
|-------|----------------|--------|---------|-------|
| Spice | Wędzone chilli | 5 g | Boil | 1 min |