

#27 IIPA

- Gravity **15.9 BLG**
- ABV ---
- IBU **104**
- SRM **9.6**
- Style **Imperial IPA**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.2 liter(s)**
- Total mash volume **25.6 liter(s)**

Steps

- Temp **66 C**, Time **45 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **19.2 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **45 min** at **66C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **14.9 liter(s)** of **76C** water or to achieve **27.7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|---------------|-------|-----|
| Grain | Pilzneński | 5 kg (78.1%) | 81 % | 4 |
| Grain | Pszeniczny | 0.5 kg (7.8%) | 85 % | 4 |
| Grain | Weyermann - Carapils | 0.4 kg (6.3%) | 78 % | 4 |
| Grain | Caramel/Crystal Malt - 10L | 0.5 kg (7.8%) | 75 % | 90 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|------------|-------------------|--------|----------|------------|
| Boil | Magnum | 30 g | 60 min | 10.9 % |
| First Wort | Mosaic | 50 g | 60 min | 12.4 % |
| Boil | Equinox | 50 g | 5 min | 13.4 % |
| Whirlpool | Mosaic | 50 g | 80 min | 12.4 % |
| Dry Hop | Tradition | 50 g | 4 day(s) | 5.5 % |
| Dry Hop | Lublin (Lubelski) | 50 g | 4 day(s) | 4 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|-------|-----|-------|--------|-----|
| us-05 | Ale | Slant | 150 ml | --- |
|-------|-----|-------|--------|-----|

Extras

| Type | Name | Amount | Use for | Time |
|-------------|---------|--------|---------|--------|
| Water Agent | gips | 10 g | Mash | 60 min |
| Fining | mech | 5 g | Boil | 15 min |
| Flavor | glukoza | 800 g | Boil | 15 min |