

BITTER STYL ROKU PSPD 2023 Hanys Roku

- Gravity **12.4 BLG**
- ABV ---
- IBU **31**
- SRM **8.6**
- Style **Special/Best/Premium Bitter**

Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **14 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **8.7 liter(s)**
- Total mash volume **11.6 liter(s)**

Steps

- Temp **65 C**, Time **45 min**
- Temp **72 C**, Time **15 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **8.7 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **45 min** at **65C**
- Keep mash **15 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **8.2 liter(s)** of **76C** water or to achieve **14 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------------|----------------|--------|-----|
| Grain | BESTMALZ - Bestt Pale Ale | 2.5 kg (86.2%) | 80.5 % | 6 |
| Grain | Słód Caramunich Typ II Weyermann | 0.2 kg (6.9%) | 73 % | 120 |
| Grain | Biscuit Malt | 0.2 kg (6.9%) | 79 % | 45 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------------------|--------|--------|------------|
| Boil | Challenger | 10 g | 60 min | 9.19 % |
| Boil | East Kent Goldings | 5 g | 60 min | 5.7 % |
| Boil | East Kent Goldings | 10 g | 20 min | 5.7 % |
| Aroma (end of boil) | East Kent Goldings | 10 g | 0 min | 5.7 % |