

Test ipa

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **43**
- SRM **7.2**
- 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 **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.4 liter(s)**
- Total mash volume **19.2 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 3 kg (62.5%) | 80 % | 5 |
| Grain | Słód owsiany Fawcett | 0.5 kg (10.4%) | 61 % | 5 |
| Grain | Pszeniczny | 1 kg (20.8%) | 85 % | 4 |
| Grain | Strzegom Karmel 150 | 0.3 kg (6.3%) | 75 % | 150 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------------|--------|--------|------------|
| Boil | Cascade PL | 50 g | 30 min | 5.2 % |
| Boil | Topaz | 5 g | 60 min | 18.3 % |
| Boil | Zula | 20 g | 10 min | 8.3 % |
| Boil | Nelson Sauvín | 10 g | 10 min | 9.4 % |