

## WIELKANOCNE 7.04 warka #8

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- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **39**
- SRM **3.8**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **35 liter(s)**
- Trub loss **5 %**
- Size with trub loss **36.8 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **48.3 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **20 liter(s)**
- Total mash volume **28 liter(s)**

### Fermentables

| Type  | Name            | Amount      | Yield | EBC |
|-------|-----------------|-------------|-------|-----|
| Grain | Polish Pale Ale | 8 kg (100%) | 80 %  | 5   |

### Hops

| Use for             | Name    | Amount | Time   | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Boil                | Marynka | 30 g   | 80 min | 10 %       |
| Boil                | Marynka | 30 g   | 50 min | 10 %       |
| Aroma (end of boil) | Marynka | 60 g   | 1 min  | 10 %       |

### Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 20 g   | Fermentis  |