

## Źródłak NEIPA V3

- Gravity **17.1 BLG**
- ABV **7.3 %**
- IBU **30**
- SRM **5**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

### Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **2.6 liter(s) / kg**
- Mash size **9.4 liter(s)**
- Total mash volume **13 liter(s)**

### Fermentables

| Type  | Name                   | Amount         | Yield | EBC |
|-------|------------------------|----------------|-------|-----|
| Grain | Simpsons - Maris Otter | 1.6 kg (44.4%) | 81 %  | 6   |
| Grain | Pszeniczny             | 1 kg (27.8%)   | 85 %  | 4   |
| Grain | Oats, Malted           | 0.5 kg (13.9%) | 80 %  | 2   |
| Grain | Płatki owsiane         | 0.5 kg (13.9%) | 85 %  | 3   |

### Hops

| Use for             | Name          | Amount | Time     | Alpha acid |
|---------------------|---------------|--------|----------|------------|
| First Wort          | Simcoe        | 8 g    | 60 min   | 13.2 %     |
| Aroma (end of boil) | Citra         | 7 g    | 10 min   | 12 %       |
| Aroma (end of boil) | Nelson Sauvín | 7 g    | 10 min   | 11 %       |
| Whirlpool           | Citra         | 10 g   | 1 min    | 12 %       |
| Whirlpool           | Nelson Sauvín | 10 g   | 1 min    | 11 %       |
| Dry Hop             | Citra         | 7 g    | 8 day(s) | 12 %       |
| Dry Hop             | Nelson Sauvín | 7 g    | 8 day(s) | 11 %       |
| Dry Hop             | Galaxy        | 7 g    | 8 day(s) | 15 %       |
| Dry Hop             | Citra         | 33 g   | 2 day(s) | 12 %       |
| Dry Hop             | Nelson Sauvín | 33 g   | 2 day(s) | 11 %       |
| Dry Hop             | Galaxy        | 33 g   | 2 day(s) | 15 %       |

### Yeasts

| Name | Type | Form   | Amount | Laboratory |
|------|------|--------|--------|------------|
| FM55 | Ale  | Liquid | 700 ml | ---        |

### Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

|             |                   |     |      |       |
|-------------|-------------------|-----|------|-------|
| Water Agent | siarczanu magnezu | 6 g | Mash | 1 min |
| Water Agent | chlorek wapnia    | 4 g | Mash | 1 min |