

IIPA

- Gravity **19.1 BLG**
- ABV **8.3 %**
- IBU **83**
- SRM **4.6**
- Style **Imperial IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **25.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21.3 liter(s)**
- Total mash volume **28.4 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Viking Pilsner malt | 4.3 kg (56.6%) | 82 % | 4 |
| Grain | Viking Wheat Malt | 2 kg (26.3%) | 83 % | 5 |
| Sugar | cukier | 0.5 kg (6.6%) | --- % | --- |
| Grain | Płatki owsiane | 0.5 kg (6.6%) | 85 % | 3 |
| Grain | Płatki pszeniczne | 0.3 kg (3.9%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|----------------|--------|----------|------------|
| Boil | Magnum | 40 g | 60 min | 13.5 % |
| Boil | Dr Rudi | 25 g | 20 min | 11.8 % |
| Boil | Southern Cross | 15 g | 15 min | 14 % |
| Boil | Dr Rudi | 20 g | 15 min | 11.8 % |
| Boil | Waimea | 20 g | 5 min | 17 % |
| Boil | Southern Cross | 15 g | 1 min | 14 % |
| Dry Hop | Waimea | 30 g | 7 day(s) | 17 % |
| Dry Hop | Dr Rudi | 15 g | 5 day(s) | 11.8 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-----------------------|------|-------|--------|------------------|
| FM42 Stare Nadreńskie | Ale | Slant | 150 ml | Fermentum Mobile |