

2 CZĘŚĆ IMPERIUM

- Gravity **19.8 BLG**
- ABV **8.7 %**
- IBU **90**
- SRM ---
- Style **Imperial IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **2 %**
- Size with trub loss **20.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **1 %/h**
- Boil size **22.6 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|-------------------------------------|--------------|-------|-----|
| Liquid Extract | ekstrakt słodowy pszeniczny Bruntal | 1.7 kg (27%) | 75 % | --- |
| Liquid Extract | ekstrakt sodowy Pale Ale | 3.4 kg (54%) | 75 % | --- |
| Liquid Extract | ekstrakt sodowy karmelowy | 1.2 kg (19%) | 75 % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------------|--------|----------|------------|
| Boil | Zeus | 30 g | 60 min | 14.6 % |
| Boil | Chinook | 10 g | 30 min | 12.8 % |
| Boil | Citra | 15 g | 30 min | 14.2 % |
| Boil | Equinox | 10 g | 30 min | 12.4 % |
| Boil | Citra | 15 g | 10 min | 14.2 % |
| Boil | Equinox | 20 g | 10 min | 12.4 % |
| Boil | Chinook | 20 g | 10 min | 12.8 % |
| Dry Hop | Citra | 30 g | 7 day(s) | 14.2 % |
| Dry Hop | Chinook | 60 g | 7 day(s) | 12.8 % |
| Dry Hop | Sorachi Ace | 30 g | 7 day(s) | 9.4 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 23 g | --- |