

imperial ipa by Serfer

- Gravity **20.3 BLG**
- ABV ---
- IBU **103**
- SRM **16.2**
- Style **Imperial IPA**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **29 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|---------|----------------|-------|-----|
| Liquid Extract | Bruntal | 6.7 kg (94.4%) | 96 % | 24 |
| Sugar | glucose | 0.4 kg (5.6%) | 100 % | 0 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------------------|--------|--------|------------|
| Boil | Summit | 8 g | 60 min | 15.8 % |
| Boil | Columbus/Tomahawk/Zeus | 10 g | 60 min | 14.6 % |
| Boil | Citra | 23 g | 60 min | 13.5 % |
| Boil | Herkules | 25 g | 60 min | 17.7 % |
| Boil | Herkules | 25 g | 40 min | 17 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale | Dry | 10 g | Safale |

Extras

| Type | Name | Amount | Use for | Time |
|--------|----------------------------|--------|---------|--------|
| Flavor | skurka słodkiej pomaranczy | 5 g | Boil | 60 min |
| Flavor | trawa cytrynowa | 5 g | Boil | 60 min |