

Imperial TeaPA

- Gravity **19.3 BLG**
- ABV ---
- IBU **89**
- SRM **6.2**
- Style **Imperial IPA**

Batch size

- Expected quantity of finished beer **16 liter(s)**
- Trub loss **10 %**
- Size with trub loss **17.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **21.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|---------------|-------|-----|
| Grain | Castlemalting - Cara Clair | 0.5 kg (8.3%) | 78 % | 4 |
| Grain | Żytni | 0.5 kg (8.3%) | 85 % | 8 |
| Grain | Simpsons - Golden Promise | 5 kg (83.3%) | 80 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------------|--------|----------|------------|
| Boil | Pacific Jade | 10 g | 60 min | 13 % |
| Boil | Centennial | 10 g | 60 min | 10.5 % |
| Boil | Equinox | 10 g | 60 min | 13.1 % |
| Aroma (end of boil) | Centennial | 10 g | 25 min | 10.5 % |
| Aroma (end of boil) | Pacific Jade | 10 g | 20 min | 13 % |
| Aroma (end of boil) | Equinox | 10 g | 20 min | 13.1 % |
| Aroma (end of boil) | Equinox | 10 g | 10 min | 13.1 % |
| Aroma (end of boil) | Centennial | 10 g | 10 min | 10.5 % |
| Aroma (end of boil) | Pacific Jade | 10 g | 10 min | 13 % |
| Boil | Equinox | 10 g | 5 min | 13.1 % |
| Boil | Centennial | 10 g | 5 min | 10.5 % |
| Boil | Pacific Jade | 10 g | 5 min | 13 % |
| Whirlpool | Pacific Jade | 10 g | 0 min | 13 % |
| Whirlpool | Equinox | 10 g | 0 min | 13.1 % |
| Whirlpool | Centennial | 10 g | 0 min | 10.5 % |
| Dry Hop | Citra | 50 g | 3 day(s) | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|--------------|-----|-----|------|-----------|
| Safale US-05 | Ale | Dry | 10 g | Fermentis |
|--------------|-----|-----|------|-----------|

Extras

| Type | Name | Amount | Use for | Time |
|------|---------|--------|-----------|----------|
| Herb | herbata | 150 g | Secondary | 3 day(s) |