

APA

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **47**
- SRM **10.4**
- Style **English IPA**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|---------|---------------|-------|-----|
| Liquid Extract | Bruntal | 3.4 kg (100%) | 81 % | 26 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|----------|--------|----------|------------|
| Boil | Simcoe | 20 g | 60 min | 12.9 % |
| Aroma (end of boil) | Amarillo | 15 g | 10 min | 9.5 % |
| Aroma (end of boil) | Chinook | 10 g | 5 min | 13 % |
| Aroma (end of boil) | Simcoe | 10 g | 2 min | 13.2 % |
| Aroma (end of boil) | Chinook | 10 g | 2 min | 13 % |
| Whirlpool | Chinook | 10 g | -10 min | 13 % |
| Whirlpool | Amarillo | 15 g | -10 min | 9.5 % |
| Dry Hop | Citra | 30 g | 3 day(s) | 12 % |