

Black IPA JJ

- Gravity **18.7 BLG**
- ABV **8.1 %**
- IBU **72**
- SRM **50.8**
- Style **Black IPA**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **23.8 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|---------------------------------|----------------|-------|-----|
| Liquid Extract | Bruntal Pale Ale | 3.4 kg (66.7%) | 80 % | 35 |
| Liquid Extract | ekstrakt słodowy ciemny Bruntal | 1.7 kg (33.3%) | 90 % | 621 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------------------|--------|----------|------------|
| Boil | Chinook | 10 g | 60 min | 13 % |
| Boil | Zeus | 10 g | 60 min | 13 % |
| Boil | Citra | 30 g | 30 min | 12 % |
| Boil | Mosaic | 30 g | 10 min | 10 % |
| Boil | Falconer's Flight | 30 g | 10 min | 12 % |
| Dry Hop | Mosaic | 30 g | 3 day(s) | 10 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11.5 g | --- |