

Budget IPA

- Gravity **16.4 BLG**
- ABV **6.9 %**
- IBU **88**
- SRM **6.9**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21.9 liter(s)**
- Total mash volume **29.2 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	6.8 kg (93.2%)	80 %	5
Grain	Karmelowy Czerwony	0.5 kg (6.8%)	75 %	60

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Polaris	30 g	60 min	21.1 %
Boil	Bravo	20 g	30 min	13.7 %
Boil	Bravo	36 g	10 min	13.7 %

Yeasts

Name	Type	Form	Amount	Laboratory
Gozdawa Pure Ale Yeast 7	Ale	Dry	10 g	Gozdawa