

EXP 3/20

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **47**
- SRM **4.2**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **6 %**
- Size with trub loss **17.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **8 %/h**
- Boil size **19.5 liter(s)**

Mash information

- Mash efficiency **77 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12 liter(s)**
- Total mash volume **16 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4 kg (100%)	80 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	rody hodowalne 3/20	25 g	60 min	9.3 %
Boil	rody hodowalne 3/20	30 g	10 min	9.3 %
Aroma (end of boil)	rody hodowalne 3/20	30 g	1 min	9.3 %
Dry Hop	rody hodowalne 3/20	115 g	3 day(s)	9.3 %

Yeasts

Name	Type	Form	Amount	Laboratory
Iutra	Ale	Slant	150 ml	---