

EXTERMINATOR

- Gravity **20.7 BLG**
- ABV **9.2 %**
- IBU **81**
- SRM **13.4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **24.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **25.5 liter(s)**
- Total mash volume **34 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5.5 kg (64.7%)	80 %	5
Grain	Monachijski	1.5 kg (17.6%)	80 %	16
Grain	Aromatic Malt	0.2 kg (2.4%)	78 %	51
Grain	Strzegom Karmel 300	0.3 kg (3.5%)	70 %	299
Grain	Monachijski	1 kg (11.8%)	80 %	16

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	40 g	60 min	10 %
Boil	Amarillo	30 g	40 min	9.5 %
Boil	Amarillo	20 g	15 min	9.5 %
Boil	El Dorado	50 g	10 min	15 %