

American ipa

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **37**
- SRM **5.9**
- 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 **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód pale ale Viking Malt	2 kg (40%)	--- %	5
Grain	Słód cookie	0.5 kg (10%)	--- %	70
Grain	Słód Pilzneński	1 kg (20%)	--- %	4
Grain	Słód monachijski	1 kg (20%)	--- %	---
Grain	Słód Red ale	0.5 kg (10%)	--- %	---

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	10 g	50 min	7 %
Boil	Zombie	20 g	30 min	10.3 %
Boil	Zombie	10 g	15 min	10.3 %
Aroma (end of boil)	Zombi	20 g	5 min	5.6 %
Aroma (end of boil)	Zombie	20 g	5 min	10.3 %

Yeasts

Name	Type	Form	Amount	Laboratory
S-04	Ale	Dry	11.5 g	---