

Wycieczkowe

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **26**
- SRM **3.6**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.8 liter(s)**
- Total mash volume **21 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (95.2%)	80 %	5
Grain	Pszeniczny	0.25 kg (4.8%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Zula	23 g	60 min	10 %
Aroma (end of boil)	Zula	25 g	1 min	10 %
Whirlpool	Zula	30 g	8 min	10 %
Whirlpool	Saaz (Czech Republic)	17 g	8 min	3.27 %

Notes

- WODA: <https://www.brewersfriend.com/mash-chemistry-and-brewing-water-calculator/?id=M8XRSYX>
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