

IPA USA Small one

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **60**
- SRM **8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **15.4 liter(s)**

Mash information

- Mash efficiency **79 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.8 liter(s)**
- Total mash volume **13 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Mep©Ale	1.6 kg (49.1%)	79 %	7
Grain	Strzegom Pilzneński	1 kg (30.7%)	80 %	4
Grain	Słód Cookie (bursztynowy) Viking Malt 1 kg	0.33 kg (10.1%)	72 %	50
Grain	Słód Abbey Malt® 40-50 EBC Weyermann® 1 kg	0.33 kg (10.1%)	75 %	45

Hops

Use for	Name	Amount	Time	Alpha acid
Whirlpool	Warrior® (USA)	30 g	30 min	15.5 %
Whirlpool	Ahtanum® (USA)	30 g	30 min	3.4 %
Whirlpool	Zythos® (USA) 90 g	30 g	30 min	11 %

Yeasts

Name	Type	Form	Amount	Laboratory
Fermentis S33	Ale	Dry	11.5 g	---