

SMASH Puławski

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **43**
- SRM ---
- Style **American IPA**

Batch size

- Expected quantity of finished beer **45 liter(s)**
- Trub loss **5 %**
- Size with trub loss **47.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **52 liter(s)**

Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **30 liter(s)**
- Total mash volume **40 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	pilzneński	10 kg (100%)	--- %	---

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	sybilla	30 g	60 min	4.6 %
Boil	Magnum	50 g	60 min	13.5 %
Aroma (end of boil)	sybilla	30 g	10 min	4.6 %
Aroma (end of boil)	Sybilla	15 g	5 min	4.6 %
Aroma (end of boil)	Sybilla	15 g	0 min	4.6 %

Yeasts

Name	Type	Form	Amount	Laboratory
us-05	Ale	Dry	22 g	---