

Citra SMaSH

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **35**
- SRM **3.6**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **7 %/h**
- Boil size **13.3 liter(s)**

Mash information

- Mash efficiency **74 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.8 liter(s)**
- Total mash volume **10.4 liter(s)**

Steps

- Temp **66 C**, Time **50 min**

Mash step by step

- Heat up **7.8 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **50 min** at **66C**
- Sparge using **8.1 liter(s)** of **76C** water or to achieve **13.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2.35 kg (90.4%)	81 %	4
Grain	Płatki owsiane	0.25 kg (9.6%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	10 g	30 min	12.1 %
Boil	Citra	10 g	20 min	12.1 %
Boil	Citra	10 g	1 min	12.1 %
Dry Hop	Citra	30 g	5 day(s)	12.1 %

Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Dry	5 g	Fermetis