

Holy Shit

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **49**
- SRM **3.8**
- 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 **10 %/h**
- Boil size **57 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **34.5 liter(s)**
- Total mash volume **46 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	10.5 kg (91.3%)	81 %	4
Grain	Pszeniczny	0.5 kg (4.3%)	85 %	4
Grain	Żytni	0.5 kg (4.3%)	85 %	8

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	55 g	60 min	15.5 %
Aroma (end of boil)	Willamette	200 g	5 min	5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast London Ale III	Ale	Slant	200 ml	Browar Such a Beer