

# AIPA - HolyShit - 48 litrów

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **114**
- SRM **4.4**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **48 liter(s)**
- Trub loss **5 %**
- Size with trub loss **50.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **4 %/h**
- Boil size **57.4 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **34.8 liter(s)**
- Total mash volume **46.4 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	7.5 kg (64.7%)	80 %	4
Grain	Pale Malt (2 Row) Bel	1 kg (8.6%)	80 %	6
Grain	Monachijski	1.3 kg (11.2%)	80 %	16
Grain	Żytni	1.3 kg (11.2%)	85 %	8
Grain	Płatki owsiane	0.5 kg (4.3%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	100 g	60 min	15.5 %
Boil	Centennial	50 g	30 min	10.5 %
Boil	Centennial	50 g	15 min	10.5 %
Boil	Magnum	50 g	15 min	13.5 %
Dry Hop	Mosaic	100 g	5 day(s)	10 %
Dry Hop	Simcoe	100 g	5 day(s)	13.2 %
Dry Hop	Citra	100 g	5 day(s)	12 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Mangrove Jack's M44 US West Coast	Ale	Slant	1600 ml	Mangrove Jack's

## Extras

Type	Name	Amount	Use for	Time
Flavor	Kafir	20 g	Boil	5 min