

# WEST WYTRAWNY DO KOŚCI

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- Gravity **16.4 BLG**
- ABV **6.9 %**
- IBU **105**
- SRM **4.4**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **0 %**
- Size with trub loss **27 liter(s)**
- Boil time **60 min**
- Evaporation rate --- %/h
- Boil size --- **liter(s)**

## Mash information

- Mash efficiency **78 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.5 liter(s)**
- Total mash volume **30 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**

## Mash step by step

- Heat up **22.5 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **-15 liter(s)** of **76C** water

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	7.5 kg (100%)	80 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Galaxy	25 g	60 min	15 %
Boil	Galaxy	25 g	5 min	15 %
Whirlpool	Enigma (AUS)	100 g	60 min	17 %
Dry Hop	Enigma (AUS)	100 g	2 day(s)	17.2 %

## Yeasts

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