

## #6 American Stout

- Gravity **17.1 BLG**
- ABV **7.3 %**
- IBU **54**
- SRM **26.7**
- Style **American Stout**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

### Mash information

- Mash efficiency **88 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.3 liter(s)**
- Total mash volume **24.4 liter(s)**

### Steps

- Temp **66 C**, Time **60 min**
- Temp **75 C**, Time **5 min**

### Mash step by step

- Heat up **18.3 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **5 min** at **75C**
- Sparge using **13.1 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

### Fermentables

| Type  | Name                        | Amount         | Yield | EBC  |
|-------|-----------------------------|----------------|-------|------|
| Grain | Strzegom Pale Ale           | 5.5 kg (90.2%) | 79 %  | 6    |
| Grain | Strzegom Karmel 150         | 0.2 kg (3.3%)  | 75 %  | 150  |
| Grain | Strzegom Czekoladowy ciemny | 0.1 kg (1.6%)  | 68 %  | 1200 |
| Grain | Jęczmień palony             | 0.3 kg (4.9%)  | 55 %  | 1000 |

### Hops

| Use for             | Name                   | Amount | Time   | Alpha acid |
|---------------------|------------------------|--------|--------|------------|
| Boil                | Columbus/Tomahawk/Zeus | 15 g   | 60 min | 15.5 %     |
| Boil                | Marynka                | 15 g   | 60 min | 10 %       |
| Boil                | Centennial             | 25 g   | 30 min | 10.5 %     |
| Aroma (end of boil) | Centennial             | 25 g   | 0 min  | 10.5 %     |

### Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 11.5 g | Fermentis  |

### Notes

- Na postawie Zombie Juice autorstwa scooby\_brew

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

<https://www.piwo.org/forums/topic/12542-zombie-juice-american-stout/>  
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