

## tofi

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- Gravity **13.5 BLG**
- ABV ---
- IBU **34**
- SRM **16.3**

### Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **10 %**
- Size with trub loss **25.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **29.1 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.6 liter(s)**
- Total mash volume **22.2 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	czerwony	0.5 kg (9%)	80 %	60
Grain	special	0.5 kg (9%)	80 %	200
Grain	Pszeniczny	0.3 kg (5.4%)	85 %	4
Grain	Biscuit Malt	0.25 kg (4.5%)	79 %	60
Grain	Pale Ale	4 kg (72.1%)	80 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	pilgrim	40 g	60 min	8.1 %
Boil	pilgrim	10 g	10 min	8.1 %