

Tomahawk

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **59**
- SRM **2**
- Style **American IPA**

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 **82 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód Pale Ale Strzegom	4 kg (72.7%)	--- %	---
Grain	Strzegom Wiedeński	1 kg (18.2%)	79 %	10
Grain	słód pszeniczny	0.5 kg (9.1%)	--- %	---

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Bravo	40 g	60 min	14 %
Aroma (end of boil)	Citra	30 g	1 min	12 %
Aroma (end of boil)	Mosaic	30 g	1 min	10 %