

West coast ipa 3.0

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **39**
- SRM ---

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.2 liter(s)**
- Total mash volume **17.6 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pale ale (niemcy)	3.9 kg (88.6%)	--- %	---
Grain	Pszeniczny jasny (niemcy)	0.5 kg (11.4%)	--- %	---

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	17 g	50 min	10 %
Boil	Oktawia	25 g	14 min	9.2 %
Boil	Izabella	15 g	7 min	4.7 %