

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 % |