

West Cost Ipa 46

- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **89**
- SRM **6.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **4 %**
- Size with trub loss **26.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **24.9 liter(s)**
- Total mash volume **32 liter(s)**

Steps

- Temp **63 C**, Time **70 min**
- Temp **75 C**, Time **5 min**

Mash step by step

- Heat up **24.9 liter(s)** of strike water to **69.1C**
- Add grains
- Keep mash **70 min** at **63C**
- Keep mash **5 min** at **75C**
- Sparge using **13.6 liter(s)** of **76C** water or to achieve **31.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---|----------------|-------|-----|
| Grain | Słód Pilsner® 2,5-4,5 EBC Weyermann | 4 kg (56.3%) | 80 % | 4 |
| Grain | Briess - Pale Ale Malt | 1 kg (14.1%) | 80 % | 7 |
| Grain | Słód pszeniczny Bestmalz | 1 kg (14.1%) | 82 % | 5 |
| Grain | Płatki owsiane | 0.61 kg (8.6%) | 85 % | 3 |
| Grain | Słód Caramunich Typ II Weyermann | 0.36 kg (5.1%) | 73 % | 120 |
| Grain | słód zakwaszający | 0.14 kg (2%) | --- % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------|--------|----------|------------|
| Boil | Centennial | 20 g | 60 min | 9.4 % |
| Boil | Mosaic | 20 g | 60 min | 11.7 % |
| Boil | Centennial | 50 g | 15 min | 9.4 % |
| Boil | Mosaic | 50 g | 15 min | 11.7 % |
| Boil | Centennial | 30 g | 5 min | 9.4 % |
| Boil | Mosaic | 30 g | 5 min | 11.7 % |
| Dry Hop | Amarillo | 20 g | 6 day(s) | 9.5 % |

| | | | | |
|---------|---------|------|----------|--------|
| Dry Hop | Mosaic | 20 g | 6 day(s) | 11.7 % |
| Dry Hop | Citra | 50 g | 6 day(s) | 12 % |
| Dry Hop | Cascade | 50 g | 6 day(s) | 6 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------------------------------|------|--------|--------|------------|
| FM 54 Gorączka kalifornijska | Ale | Liquid | 100 ml | FM |