

west coast ipa - single Southern passion

- Gravity **15.9 BLG**
- ABV ---
- IBU **66**
- SRM **5.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **10 %**
- Size with trub loss **16.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **20.7 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **14.4 liter(s)**
- Total mash volume **18.5 liter(s)**

Steps

- Temp **66.6 C**, Time **60 min**

Mash step by step

- Heat up **14.4 liter(s)** of strike water to **73.3C**
- Add grains
- Keep mash **60 min** at **66.6C**
- Sparge using **10.4 liter(s)** of **76C** water or to achieve **20.7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------|-----------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 3.76 kg (91.5%) | 85 % | 7 |
| Grain | Carahell | 0.2 kg (4.9%) | 77 % | 26 |
| Grain | Weyermann - Carapils | 0.15 kg (3.6%) | 78 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|------------------|--------|----------|------------|
| Boil | Southern passion | 10 g | 60 min | 11.7 % |
| Boil | Southern passion | 20 g | 45 min | 11.7 % |
| Boil | Southern passion | 10 g | 30 min | 11.7 % |
| Boil | Southern passion | 30 g | 5 min | 11.7 % |
| Whirlpool | Southern passion | 30 g | 30 min | 11.7 % |
| Dry Hop | Southern passion | 50 g | 7 day(s) | 11.7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale | Dry | 11.5 g | Safale |

Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

| | | | | |
|--------|----------------|-----|------|--------|
| Fining | mech irlandzki | 5 g | Boil | 10 min |
|--------|----------------|-----|------|--------|