

AIPA - w stylu west coast 3

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **50**
- SRM **4.8**
- 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 **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.6 liter(s)**
- Total mash volume **23.9 liter(s)**

Steps

- Temp **67 C**, Time **70 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **18.6 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **70 min** at **67C**
- Keep mash **5 min** at **78C**
- Sparge using **12 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 4.5 kg (84.9%) | 80 % | 5 |
| Grain | Viking Munich Malt | 0.5 kg (9.4%) | 78 % | 18 |
| Grain | Pszeniczny | 0.3 kg (5.7%) | 85 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|----------|--------|----------|------------|
| Boil | Jarrylo | 15 g | 60 min | 15 % |
| Boil | Jarrylo | 10 g | 20 min | 15 % |
| Boil | Azacca | 10 g | 15 min | 12 % |
| Boil | Amarillo | 10 g | 10 min | 8.5 % |
| Boil | Jarrylo | 5 g | 8 min | 15 % |
| Boil | Azacca | 10 g | 5 min | 12 % |
| Boil | Azacca | 10 g | 3 min | 12 % |
| Whirlpool | Amarillo | 10 g | 0 min | 8.5 % |
| Whirlpool | Jarrylo | 10 g | 0 min | 15 % |
| Whirlpool | Azacca | 10 g | 0 min | 12 % |
| Dry Hop | Azacca | 15 g | 5 day(s) | 12 % |
| Dry Hop | Jarrylo | 15 g | 5 day(s) | 15 % |

| | | | | |
|---------|----------|------|----------|-------|
| Dry Hop | Amarillo | 20 g | 5 day(s) | 8.5 % |
|---------|----------|------|----------|-------|

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11 g | Fermentis |