

# Azacca Neipa

- Gravity **18 BLG**
- ABV **7.7 %**
- IBU **6**
- SRM **4.9**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **0 %**
- Size with trub loss **21 liter(s)**
- Boil time **80 min**
- Evaporation rate **10 %/h**
- Boil size **26.2 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **23.1 liter(s)**
- Total mash volume **30.8 liter(s)**

## Steps

- Temp **68 C**, Time **80 min**
- Temp **72 C**, Time **10 min**
- Temp **76 C**, Time **0 min**

## Mash step by step

- Heat up **23.1 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **80 min** at **68C**
- Keep mash **10 min** at **72C**
- Keep mash **0 min** at **76C**
- Sparge using **10.8 liter(s)** of **76C** water or to achieve **26.2 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount         | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Pilzneński           | 5 kg (64.9%)   | 81 %  | 4   |
| Grain | Viking Pale Ale malt | 1 kg (13%)     | 80 %  | 5   |
| Grain | Pszeniczny           | 0.5 kg (6.5%)  | 85 %  | 4   |
| Grain | Płatki owsiane       | 1.2 kg (15.6%) | 85 %  | 3   |

## Hops

| Use for   | Name   | Amount | Time     | Alpha acid |
|-----------|--------|--------|----------|------------|
| Boil      | Azacca | 25 g   | 5 min    | 14 %       |
| Whirlpool | Azacca | 60 g   | 0 min    | 14 %       |
| Dry Hop   | Azacca | 140 g  | 3 day(s) | 14 %       |

## Yeasts

| Name                    | Type | Form   | Amount  | Laboratory  |
|-------------------------|------|--------|---------|-------------|
| Wyeast - London Ale III | Ale  | Liquid | 1000 ml | Wyeast Labs |

## Extras

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

|             |          |     |      |        |
|-------------|----------|-----|------|--------|
| Fining      | whirfloc | 3 g | Boil | 5 min  |
| Water Agent | Sól      | 4 g | Mash | 90 min |
| Water Agent | H3PO4    | 6 g | Mash | 90 min |