

# Falconers APA

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- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **26**
- SRM **4.7**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **20.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.8 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.6 liter(s)**
- Total mash volume **23.9 liter(s)**

## Steps

- Temp **69 C**, Time **75 min**
- Temp **75 C**, Time **5 min**

## Mash step by step

- Heat up **18.6 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **75 min** at **69C**
- Keep mash **5 min** at **75C**
- Sparge using **11.5 liter(s)** of **76C** water or to achieve **24.8 liter(s)** of wort

## Fermentables

| Type  | Name                   | Amount        | Yield | EBC |
|-------|------------------------|---------------|-------|-----|
| Grain | Briess - Pale Ale Malt | 3.5 kg (66%)  | 80 %  | 7   |
| Grain | Płatki pszeniczne      | 0.4 kg (7.5%) | 60 %  | 3   |
| Grain | Pszeniczny             | 1 kg (18.9%)  | 85 %  | 4   |
| Grain | Płatki owsiane         | 0.4 kg (7.5%) | 60 %  | 3   |

## Hops

| Use for             | Name              | Amount | Time     | Alpha acid |
|---------------------|-------------------|--------|----------|------------|
| Boil                | lunga             | 20 g   | 20 min   | 11 %       |
| Aroma (end of boil) | Falconer's Flight | 30 g   | 5 min    | 10.5 %     |
| Whirlpool           | Falconer's Flight | 30 g   | 5 min    | 10.5 %     |
| Dry Hop             | Falconer's Flight | 130 g  | 5 day(s) | 10.5 %     |

## Yeasts

| Name  | Type | Form  | Amount | Laboratory |
|---|------|-------|--------|------------|
| Lallemand - LalBrew American East Coast - New England | Ale  | Slant | 300 ml | Lallemand  |

## Extras

| Type  | Name | Amount | Use for | Time  |
|-------|------|--------|---------|-------|
| Spice | NaCl | 1 g    | Boil    | 5 min |