

AIPA K power

- Gravity **17.7 BLG**
- ABV **7.6 %**
- IBU **39**
- SRM **5.7**

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 liter(s) / kg**
- Mash size **21.6 liter(s)**
- Total mash volume **28.8 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **72 C**, Time **8 min**
- Temp **76 C**, Time **1 min**

Mash step by step

- Heat up **21.6 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **8 min** at **72C**
- Keep mash **1 min** at **76C**
- Sparge using **10.9 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 | 5 kg (69.4%) | 80 % | 6.5 |
| Grain | Słód pszeniczny jasny Weyermann | 1 kg (13.9%) | --- % | 4 |
| Grain | Słód pilzneński Viking Malt | 1 kg (13.9%) | 80 % | 4 |
| Grain | Płatki owsiane | 0.2 kg (2.8%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|----------|--------|--------|------------|
| Boil | Chinook | 20 g | 60 min | 13 % |
| Boil | Chinook | 10 g | 40 min | 13 % |
| Aroma (end of boil) | Amarillo | 10 g | 5 min | 9.5 % |
| Aroma (end of boil) | Citra | 10 g | 10 min | 12 % |
| Aroma (end of boil) | Amarillo | 15 g | 0 min | 9.5 % |
| Aroma (end of boil) | Citra | 15 g | 0 min | 12 % |
| Dry Hop | Mosaic | 30 g | --- | 10 % |
| Dry Hop | Amarillo | 25 g | --- | 9.5 % |
| Dry Hop | Citra | 25 g | --- | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-33 | Ale | Dry | 11.5 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|-------|----------|--------|---------|--------|
| Spice | liście K | 5 g | Boil | 30 min |