

Seza

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **24**
- SRM **10.7**
- Style **Saison**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.8 liter(s)**

Mash information

- Mash efficiency **77 %**
- Liquor-to-grist ratio **3.25 liter(s) / kg**
- Mash size **22.8 liter(s)**
- Total mash volume **29.8 liter(s)**

Steps

- Temp **60 C**, Time **10 min**
- Temp **65 C**, Time **30 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **22.8 liter(s)** of strike water to **66.1C**
- Add grains
- Keep mash **10 min** at **60C**
- Keep mash **30 min** at **65C**
- Keep mash **10 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **15 liter(s)** of **76C** water or to achieve **30.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|--------------|-------|-----|
| Grain | Viking Pilsner malt | 2 kg (28.6%) | 82 % | 4 |
| Grain | Cara Gold | 1 kg (14.3%) | 75 % | 120 |
| Grain | Viking Pale Ale malt | 4 kg (57.1%) | 80 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|----------|--------|--------|------------|
| Boil | Pekko | 10 g | 60 min | 13.5 % |
| Boil | Callista | 7 g | 60 min | 3.9 % |
| Boil | Pekko | 10 g | 30 min | 13.5 % |
| Boil | Callista | 7 g | 30 min | 3.9 % |
| Boil | Pekko | 10 g | 0 min | 13.5 % |
| Boil | Callista | 10 g | 0 min | 3.9 % |
| Boil | Palisade | 10 g | 0 min | 6.2 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|--------------------------------------|-----|-----|--------|-----------------|
| Mangrove Jack's M29 French Saison | Ale | Dry | 12.5 g | Mangrove Jack's |
|--------------------------------------|-----|-----|--------|-----------------|

Extras

| Type | Name | Amount | Use for | Time |
|------|----------|--------|-----------|----------|
| Herb | rozmaryn | 6.25 g | Secondary | 7 day(s) |