

My First Amber

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **25**
- SRM **15.4**
- Style **American Amber Ale**

Batch size

- Expected quantity of finished beer **5 liter(s)**
- Trub loss **12 %**
- Size with trub loss **6.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **7.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **4.5 liter(s)**
- Total mash volume **6 liter(s)**

Steps

- Temp **62 C**, Time **60 min**

Mash step by step

- Heat up **4.5 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **60 min** at **62C**
- Sparge using **4.6 liter(s)** of **76C** water or to achieve **7.6 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------------|-----------------|-------|------|
| Grain | Pale Ale Propino Muntons | 0.8 kg (53%) | --- % | 3.6 |
| Grain | Caramalt Muntons | 0.28 kg (18.5%) | --- % | 31 |
| Grain | Melany Swaen | 0.28 kg (18.5%) | --- % | 70.3 |
| Grain | Crystal 150 Muntons | 0.12 kg (7.9%) | --- % | 144 |
| Grain | Crystal Dark Muntons | 0.03 kg (2%) | --- % | 425 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------------------|--------|-----------|------------|
| Boil | Centennial | 2 g | 60 min | 9.4 % |
| Boil | TNT | 2 g | 30 min | 12.1 % |
| Boil | Mosaic | 2 g | 30 min | 12.6 % |
| Aroma (end of boil) | Centennial | 2 g | 5 min | 10.5 % |
| Aroma (end of boil) | TNT | 2 g | 5 min | 12.1 % |
| Aroma (end of boil) | East Kent Goldings | 2 g | 5 min | 4.6 % |
| Dry Hop | TNT | 6 g | 10 day(s) | 12.1 % |
| Dry Hop | Mosaic | 8 g | 10 day(s) | 12.6 % |
| Dry Hop | Cascade | 10 g | 10 day(s) | 6.1 % |
| Dry Hop | Centennial | 6 g | 10 day(s) | 10.5 % |

| | | | | |
|---------|--------------------|-----|-----------|-------|
| Dry Hop | East Kent Goldings | 8 g | 10 day(s) | 4.6 % |
|---------|--------------------|-----|-----------|-------|

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-----------------------|------|--------|--------|------------|
| 1008 - California Ale | Ale | Liquid | 100 ml | White Labs |