

# 1 Austral Realm Pale Ale

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- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **37**
- SRM **3.9**

## Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (100%)	80 %	5

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Nelson Sauvín	5 g	60 min	11 %
Boil	Galaxy	5 g	60 min	15 %
Boil	Nelson Sauvín	10 g	40 min	11 %
Boil	Galaxy	10 g	40 min	15 %
Aroma (end of boil)	Nelson Sauvín	60 g	0 min	11 %
Aroma (end of boil)	Galaxy	60 g	0 min	15 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis