

## mandaryna extract ale

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **30**
- SRM **10.4**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal Pale Ale	3.4 kg (94.4%)	80 %	35
Dry Extract	WES ekstrakt słodowy jasny	0.2 kg (5.6%)	80 %	---

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	5 g	60 min	13.1 %
Boil	Citra	20 g	30 min	13.1 %
Dry Hop	Citra	70 g	4 day(s)	13.1 %

### Yeasts

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