

KOLSCH

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **51**
- SRM **4.7**
- Style **Kölsch**

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 **18 liter(s)**
- Total mash volume **24 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pilsner Malt	5 kg (83.3%)	81 %	5
Grain	Weyermann pszeniczny jasny	1 kg (16.7%)	80 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	30 g	10 min	10 %
Boil	Lublin (Lubelski)	30 g	40 min	4 %
Aroma (end of boil)	Marynka	30 g	55 min	10 %
Dry Hop	Marynka	30 g	7 day(s)	10 %

Yeasts

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