

Kolsch

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **19**
- SRM **4.2**
- Style **Kölsch**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **80 min**
- Evaporation rate **10 %/h**
- Boil size **26.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4.5 liter(s) / kg**
- Mash size **20.3 liter(s)**
- Total mash volume **24.8 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	4.3 kg (95.6%)	81 %	6
Grain	Pszeniczny	0.2 kg (4.4%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau Tradition	30 g	60 min	5 %
Boil	Mandarina Bavaria	10 g	5 min	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - 2565 Kölsch	Ale	Liquid	1000 ml	Wyeast Labs