

## RIS Oak BA #22

- Gravity **24 BLG**
- ABV **11 %**
- IBU **88**
- SRM **56.3**
- Style **Russian Imperial Stout**

### Batch size

- Expected quantity of finished beer **30 liter(s)**
- Trub loss **5 %**
- Size with trub loss **31.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **38 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **24 liter(s)**
- Total mash volume **32 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4 kg (30.5%)	80 %	5
Grain	Weyermann Caramunich 3	1 kg (7.6%)	76 %	150
Grain	Weyermann - Carafa II	1 kg (7.6%)	70 %	837
Grain	Jęczmień palony	1 kg (7.6%)	55 %	985
Grain	Płatki owsiane	1 kg (7.6%)	85 %	3
Liquid Extract	Bruntal Pale Ale	5.1 kg (38.9%)	80 %	35

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	70 g	60 min	13.5 %
Boil	Mosaic	75 g	30 min	10 %
Aroma (end of boil)	Mosaic	75 g	15 min	10 %

### Yeasts

Name	Type	Form	Amount	Laboratory
us-05	Ale	Slant	300 ml	---

### Notes

- nagazowanie 1.7 CO2  
Warzenie - 30 maj 2018  
Początkowa - 24 blg  
Końcowa - 8 blg  
Burzliwa - 16/17C (3,5 tygodnia)  
Leżak w beczce - 23 czerwca  
Rozlew -  
ABV -  
CO2 -  
Feb 27, 2018, 4:08 PM