

RIS 4

- Gravity **26.4 BLG**
- ABV **12.5 %**
- IBU **57**
- SRM **50.4**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **5 liter(s) / kg**
- Mash size **22.5 liter(s)**
- Total mash volume **27 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal ekstrakt słodowy jasny	3.4 kg (35.4%)	81 %	26
Liquid Extract	Bruntal ekstrakt słodowy Pale Ale	1.7 kg (17.7%)	80 %	35
Grain	Weyermann - Pale Ale Malt	1 kg (10.4%)	85 %	7
Grain	Weyermann pszeniczny jasny	1 kg (10.4%)	80 %	6
Grain	Żytni	1 kg (10.4%)	85 %	8
Grain	Fawcett - Pale Chocolate	1 kg (10.4%)	71 %	600
Grain	Carafa III	0.5 kg (5.2%)	70 %	1034

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	90 g	60 min	7.1 %
Boil	Lublin (Lubelski)	30 g	30 min	5.6 %
Boil	Fuggles	30 g	30 min	4.7 %
Boil	Hallertau	30 g	15 min	4.3 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	400 ml	Fermentis

Extras

Type	Name	Amount	Use for	Time
Flavor	Płatki kokosowe	100 g	Secondary	14 day(s)