

Lassie Called Destiny 2017

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **43**
- SRM **3**
- Style **Grodziskie/Graetzer**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **12.5 liter(s)**
- Total mash volume **17.5 liter(s)**

Steps

- Temp **62 C**, Time **70 min**
- Temp **72 C**, Time **10 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **12.5 liter(s)** of strike water to **70.4C**
- Add grains
- Keep mash **70 min** at **62C**
- Keep mash **10 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **20.3 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Grodziski pszeniczny wędzony dębem	5 kg (100%)	80 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	25 g	60 min	12.5 %
Boil	Mosaic	15 g	15 min	12 %
Dry Hop	Mosaic	100 g	3 day(s)	12 %
Dry Hop	Columbus/Tomahawk/Zeus	10 g	3 day(s)	12.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew S-33	Wheat	Dry	11.5 g	Safbrew

Extras

Type	Name	Amount	Use for	Time
Fining	mech	3 g	Boil	20 min