

## sajson 4

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- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **42**
- SRM **5.2**
- Style **Sajson**

### Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **11.9 liter(s)**
- Total mash volume **15.3 liter(s)**

### Steps

- Temp **64 C**, Time **60 min**
- Temp **76 C**, Time **6 min**

### Mash step by step

- Heat up **11.9 liter(s)** of strike water to **70.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **6 min** at **76C**
- Sparge using **10.5 liter(s)** of **76C** water or to achieve **19 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	crisp extra pale	2 kg (55.6%)	82 %	4
Grain	Pszeniczny	1.2 kg (33.3%)	85 %	4
Sugar	Sugar, Table (Sucrose)	0.2 kg (5.6%)	100 %	2
Grain	Caramunich® typ I	0.2 kg (5.6%)	73 %	80

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	20 g	60 min	13.5 %
Aroma (end of boil)	East Kent Goldings	21 g	5 min	5.7 %

### Yeasts

Name	Type	Form	Amount	Laboratory
lallemand - farmhouse	Ale	Dry	10 g	---

### Extras

Type	Name	Amount	Use for	Time
Water Agent	gips piwowarski	5 g	Mash	---