

## Session Ipa (Pinta Project)

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **37**
- SRM **3.5**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **13 liter(s)**
- Trub loss **5 %**
- Size with trub loss **14.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **17.9 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.6 liter(s)**
- Total mash volume **12.8 liter(s)**

### Steps

- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **5 min**

### Mash step by step

- Heat up **9.6 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **40 min** at **64C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **11.5 liter(s)** of **76C** water or to achieve **17.9 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2.9 kg (90.6%)	81 %	4
Grain	Weyermann pszeniczny jasny	0.2 kg (6.3%)	80 %	6
Grain	Weyermann - Carapils	0.1 kg (3.1%)	78 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	30 g	30 min	10.3 %
Dry Hop	Galaxy	100 g	2 day(s)	15 %
Dry Hop	Enigma (AUS)	100 g	2 day(s)	17.2 %

### Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Dry	6.66 g	---

### Extras

Type	Name	Amount	Use for	Time
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Fining	mech irlandzki	4 g	Boil	15 min
Water Agent	gips piwowarski	4 g	Boil	60 min