West Coast IPA Lutra II

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **45**
- SRM **4.3**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **26 liter(s)**
- Trub loss **6 %**
- Size with trub loss **28.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **34.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

Steps

- Temp **65 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **21 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **5 min** at **76C**
- Sparge using **20.6 liter(s)** of **76C** water or to achieve **34.6 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód Pilsner® 2,5-4,5 EBC Weyermann	5 kg *(68.5%)*	80 %	3
Grain	Weyermann - Carapils	1.2 kg *(16.4%)*	78 %	4
Grain	Płatki kukurydziane	0.8 kg *(11%)*	60 %	3
Liquid Extract	WES ekstrakt słodowy jasny	0.3 kg *(4.1%)*	80 %	45

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	30 g	60 min	4 %
Boil	Columbus/Tomahawk/Zeus	18 g	60 min	15.5 %
Whirlpool	Hbc 630	50 g	15 min	13.6 %
Dry Hop	Wai-iti	200 g	3 day(s)	4.1 %

Yeasts

Name	Type	Form	Amount	Laboratory
Lutra OYL-071	Ale	Slant	50 ml	Omega

Extras

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

Type	Name	Amount	Use for	Time
Fining	whirlfloc	6.94 g	Boil	5 min