

Amlager 36 L

- Gravity **9 BLG**
- ABV **3.5 %**
- IBU **31**
- SRM **3.1**
- Style **Standard American Lager**

Batch size

- Expected quantity of finished beer **36 liter(s)**
- Trub loss **5 %**
- Size with trub loss **37.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **45.5 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **68 C**, Time **60 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **33.5 liter(s)** of **76C** water or to achieve **45.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg (83.3%)	81 %	4
Grain	Strzegom Wiedeński	1 kg (16.7%)	79 %	10

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Centennial	15 g	60 min	10.5 %
Boil	Cascade	15 g	60 min	6 %
Boil	Chinook	15 g	60 min	13 %
Aroma (end of boil)	Cascade	60 g	0 min	6 %
Aroma (end of boil)	Centennial	60 g	0 min	10.5 %
Aroma (end of boil)	Chinook	60 g	0 min	13 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	16.5 g	Fermentis

Extras

Type	Name	Amount	Use for	Time
Finning	whirflock	1 g	Boil	10 min