

# Cascade + Lemon Drop

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **29**
- SRM **6.9**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.6 liter(s)**
- Total mash volume **24.8 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg (80.6%)	81 %	4
Grain	Cara 30 EBC	0.25 kg (4%)	75 %	30
Grain	Pszeniczny Crystal	0.15 kg (2.4%)	75 %	130
Grain	Fawcett - Dark Crystal	0.15 kg (2.4%)	71 %	160
Grain	Płatki owsiane	0.3 kg (4.8%)	60 %	3
Grain	Płatki orkiszowe	0.2 kg (3.2%)	60 %	4
Grain	Płatki żytnie	0.15 kg (2.4%)	60 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade	50 g	30 min	7.2 %
Boil	Lemon drop	50 g	5 min	4.6 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	10 g	---