

# ApoCalypso 15L

---

- Gravity **13.2 BLG**
- ABV ---
- IBU **38**
- SRM **11.4**
- Style **American Pale Ale**

## 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 liter(s) / kg**
- Mash size **10.9 liter(s)**
- Total mash volume **14.6 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Karmel 150	0.3 kg (8.2%)	75 %	150
Grain	Strzegom Pale Ale	1.5 kg (41.1%)	79 %	6
Grain	Strzegom Pilzniejszy	1.5 kg (41.1%)	80 %	4
Grain	Oats, Flaked	0.35 kg (9.6%)	80 %	2

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	calypo	10 g	20 min	13 %
Boil	calypso	30 g	10 min	13 %
Boil	calypso	50 g	1 min	13 %

## Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Dry	11.5 g	---

## Extras

Type	Name	Amount	Use for	Time
Other	brak	0 g	Boil	0 min