

# Milkshake Ananas

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- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **28**
- SRM **4.4**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **10 %**
- Size with trub loss **14.4 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **18.1 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **13 liter(s)**
- Total mash volume **16.7 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Simpsons - Maris Otter	2 kg (54.1%)	81 %	6
Grain	Strzegom Pale Ale	0.7 kg (18.9%)	79 %	6
Grain	Płatki pszeniczne	1 kg (27%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	15 g	60 min	10 %
Boil	Saaz (Czech Republic)	10 g	15 min	4.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM10 O czym szumią wierzby	Ale	Liquid	30 ml	Fermentum Mobile

## Notes

- 500g laktozy. 18l po wystudzeniu. Około 3,5BLG  
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