

Mango & Pineapple

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **38**
- SRM **4.3**
- Style **Fruit Beer**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	4 kg (66.7%)	79 %	6
Grain	Strzegom Pszeniczny	1.5 kg (25%)	81 %	6
Grain	Płatki owsiane	0.5 kg (8.3%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	15 g	60 min	13 %
Aroma (end of boil)	Summit	20 g	13 min	17 %
Aroma (end of boil)	Amarillo	20 g	13 min	9.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	10 g	Safale

Extras

Type	Name	Amount	Use for	Time
Flavor	Sok Mango	1.5 g	Bottling	---
Flavor	Sok Ananas	1.5 g	Bottling	---