

#34 Lihtenheiner (Sea of Madness)

- Gravity **10 BLG**
- ABV **4 %**
- IBU **10**
- SRM **3.3**
- Style **Gose**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **30 min**
- Evaporation rate **15 %/h**
- Boil size **27.9 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **5 liter(s) / kg**
- Mash size **23.8 liter(s)**
- Total mash volume **28.6 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------|-----------------|-------|-----|
| Grain | Weyermann - Grodziski | 2.66 kg (55.9%) | 80 % | 4 |
| Grain | Pilzneński | 1.5 kg (31.5%) | 81 % | 4 |
| Grain | Weyermann - Carapils | 0.6 kg (12.6%) | 78 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Marynka | 15 g | 30 min | 8 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|----------------------|------|-------|--------|------------------|
| FM52 Amerykański Sen | Ale | Slant | 200 ml | Fermentum Mobile |

Extras

| Type | Name | Amount | Use for | Time |
|--------|-----------------|--------|---------|--------|
| Other | Wyeast Nutrient | 2.3 g | Boil | 10 min |
| Fining | Whirlfloc | 1 g | Boil | 10 min |

Notes

- Zakwaszanie w kotle lactobacillus plantarum (SanProbi IBS).
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