

Real American IPA #3

- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **23**
- SRM **4.4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **29.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt | 3 kg (46.2%) | 80 % | 5 |
| Grain | Pszeniczny | 1 kg (15.4%) | 85 % | 4 |
| Grain | Strzegom Pilzneński | 2 kg (30.8%) | 80 % | 4 |
| Grain | Płatki owsiane | 0.4 kg (6.2%) | 85 % | 3 |
| Grain | Strzegom Karmel 30 | 0.1 kg (1.5%) | 75 % | 30 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Citra | 15 g | 50 min | 12 % |
| Boil | Cascade | 15 g | 50 min | 6 % |