

WHITE IPA Karminowa Centenial

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **27**
- SRM **4.2**
- Style **White IPA**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.4 liter(s)**
- Total mash volume **23.2 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|-----------------|-------|-----|
| Grain | Viking Pale Ale malt | 3.33 kg (57.5%) | 80 % | 5 |
| Grain | Viking Wheat Malt | 1.79 kg (31%) | 83 % | 5 |
| Grain | Platki owsiane | 0.67 kg (11.5%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------|---------|----------|------------|
| Boil | Citra | 12.79 g | 50 min | 12 % |
| Boil | Citra | 12.79 g | 20 min | 12 % |
| Aroma (end of boil) | Centennial | 12.79 g | 2 min | 10.5 % |
| Aroma (end of boil) | Simcoe | 25.58 g | 2 min | 13.2 % |
| Dry Hop | Centennial | 50 g | 4 day(s) | 10.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------|------|--------|------------|------------|
| us-05 | Ale | Liquid | 1023.26 ml | dom |