

Belgoträff - Isabel

Selected Style and Target Specs

18E-Belgian Strong Ale-Belgian Strong Dark Ale

Minimum OG:	1.075 SG	Maximum OG:	1.110 SG
Minimum FG:	1.010 SG	Maximum FG:	1.024 SG
Minimum IBU:	20 IBU	Maximum IBU:	35 IBU
Minimum Color:	12.0 SRM	Maximum Color:	20.0 SRM

Recipe Overview

Wort Volume Before Boil:	27.00 l	Wort Volume After Boil:	24.00 l
Volume Transferred:	23.00 l	Water Added To Fermenter:	0 ml
Volume At Pitching:	23.00 l	Volume Of Finished Beer:	22.00 l
Expected Pre-Boil Gravity:	1.062 SG	Expected OG:	1.080 SG
Expected FG:	1.012 SG	Apparent Attenuation:	83.6 %
Expected ABV:	9.0 %	Expected ABW:	7.1 %
Expected IBU: (using Tinseth):	37.3 IBU	Expected Color: (using Morey):	13.5 SRM
BU:GU ratio:	0.47	Approx Color:	
Mash Efficiency:	70.0 %		
Boil Duration:	90.0 mins		
Fermentation Temperature:	27 °C		

Fermentables

Ingredient	Amount	%	MCU	When
German Pilsner Malt	5.000 kg	60.2 %	2.3	In Mash/Steeped
German Pale Ale Malt	2.500 kg	30.1 %	1.6	In Mash/Steeped
Sugar - Candi Sugar Amber	800 g	9.6 %	20.9	End Of Boil

Hops

Variety	Alpha	Amount	IBU	Form	When
German Northern Brewer	9.9 %	39 g	33.3	Loose Whole Hops	60 Min From End
Czech Saaz	3.5 %	10 g	1.6	Loose Pellet Hops	15 Min From End
Slovenian Styrian Goldings	4.3 %	7.00 g	1.4	Loose Pellet Hops	15 Min From End
Czech Saaz	3.5 %	10 g	0.1	Loose Pellet Hops	1 Min From End
NZ Pacific Gem	15.7 %	8.00 g	0.5	Loose Pellet Hops	1 Min From End
US Chinook	12.9 %	5.00 g	0.3	Loose Pellet Hops	1 Min From End

Other Ingredients

Ingredient	Amount	When
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Yeasts

Yeast Strain	Amount	Used
Wyeast 3787-Trappist High Gravity	1 pack	

Water Profile

Target Profile:	No Water Profile Chosen
Mash pH:	5.2
pH Adjusted with:	Unadjusted

Total Calcium (ppm):	0	Total Magnesium (ppm):	0
Total Sodium (ppm):	0	Total Sulfate (ppm):	0
Total Chloride (ppm):	0	Total Bicarbonate (ppm):	0

Mash Schedule

Mash Type:	Full Mash
Schedule Name:	Single Step Infusion (67C/152F) 90min w/Mash

Step Type	Temperature	Duration
Rest at	67 °C	90
Rest at	70 °C	15

Recipe Notes

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