

First brewed: 12/15

Joker Clone

<u>Beer Style</u>	Ingredients					
IPA	Malt and Sugars					
Beer Description	Name		Weight	Perc	Percent	
-	Lager		3.42kg	80	80	
A cedar and citrus bomb.	Wheat Malt		0.34kg	8	8	
Another in our long series of	Caramalt		0.17kg			
clone attempts, this doesn't	Munich		0.17kg 4			
taste exactly like the original,	Rye Malt		0.17kg	4		
but it hits the spot just like it!						
	Hops and extra additions					
	Name AAU Grams Boil Time IBU's					
	Ingredient	AAU	Grams	Addition Time	IBU	
	First Gold	8.12	16	60	17	
	Amarillo	10	12	15	8.6	
	Citra	12	11	15	9.4	
	Amarillo	10	20	0	n/a	
	Citra	12	20	0	n/a	
<u>Recipe Targets</u>	<u>Yeast</u> Danstar Nottingham					
Batch Volume: 19 Litres						
ABV: 4.9%						
Colour:	Brewer's notes and special instructions Try adding oats to this malt bill to increase the body and mouthfeel to this fantastic IPA. To make it taste even nicer, use US05 or M44 yeast.					
Original Gravity:1.051						
Finishing Gravity: 1.013						
Mash Temperature: 68°c						
Fermentation temp: 18-19°c	y cust.					
Brewhouse Efficiency: 72%						