

Q.	Answer	Mark	Additional Guidance
7. (a) (i)	100 g–60 g/100 cm <sup>3</sup> crystallised out therefore $40/2 = 20$ g from 50 cm <sup>3</sup> of solution	2	
(ii)	filtration removes insoluble impurities soluble impurities remain dissolved	2	
(b) (i)	place the solution in an evaporating basin and evaporate gently over a boiling water bath	2	
(ii)	60 g/100 cm <sup>3</sup> therefore 30 g from 50 cm <sup>3</sup> of solution	2	
(iii)	no because any soluble impurities would have crystallised out as well when all the water had evaporated	2	
Total		60	