

A2 9: Analytical Chemistry Techniques

Centre No:			Candidate No:				
	Content Reference	Learning Outcome	Assessment Objective	Marks Band 1	Marks Band 2	Marks Band 3	Marks Band 4
Candidates must submit a portfolio of evidence consisting of a total of five reports, one report for each Content Section.							
Report 1 - Volumetric Analysis	15.1			1-3	4-6	7-9	10-12
		15.1.1	AO1				
				1-4	5-7	8-10	11-14
		15.1.2	AO2				
				1-6	7-13	14-20	21-26
		15.1.3	AO3(i)				
		15.1.4					
				1-4	5-7	8-10	11-14
		15.1.5	AO2				
		15.1.6					
		15.1.7					
				1-6	7-13	14-20	21-26
		15.1.8	AO3(i)				
		1-7	8-14	15-21	22-28		
15.1.9	AO3(ii)						
Report 2 - Colorimetry	15.2			1-3	4-6	7-9	10-12
		15.2.1	AO1				
				1-4	5-7	8-10	11-14
		15.2.2	AO2				
				1-6	7-13	14-20	21-26
		15.2.3	AO3(i)				
		15.2.4					
				1-4	5-7	8-10	11-14
		15.2.5	AO2				
		15.2.6					
		15.2.7					
				1-6	7-13	14-20	21-26
		15.2.8	AO3(i)				
		1-7	8-14	15-21	22-28		
15.2.9	AO3(ii)						

Report 3 - Chromatography	15.3			1-3	4-6	7-9	10-12
		15.3.1	AO1				
				1-4	5-7	8-10	11-14
		15.3.2	AO2				
				1-6	7-13	14-20	21-26
		15.3.3	AO3(i)				
		15.3.4					
				1-4	5-7	8-10	11-14
		15.3.5	AO2				
				1-3	4-6	7-9	10-12
		15.3.6	AO1				
		1-6	7-13	14-20	21-26		
15.3.7	AO3(i)						
		1-7	8-14	15-21	22-28		
15.3.8	AO3(ii)						
Report 4 - Calorimetry	15.4			1-3	4-6	7-9	10-12
		15.4.1	AO1				
				1-4	5-7	8-10	11-14
		15.4.2	AO2				
		15.4.3					
				1-3	4-6	7-9	10-12
		15.4.4	AO1				
				1-6	7-13	14-20	21-26
		15.4.5	AO3(i)				
				1-4	5-7	8-10	11-14
		15.4.6	AO2				
		15.4.7					
		15.4.8					
		1-7	8-14	15-21	22-28		
15.4.9	AO3(ii)						
15.4.10							
Report 5 - Qualitative Analysis	15.5			1-3	4-6	7-9	10-12
		15.5.1	AO1				
				1-4	5-7	8-10	11-14
		15.5.2	AO2				
				1-6	7-13	14-20	21-26
		15.5.3	AO3(i)				
				1-4	5-7	8-10	11-14
		15.5.4	AO2				
		15.5.5					
				1-6	7-13	14-20	21-26
		15.5.6	AO3(i)				
		1-7	8-14	15-21	22-28		
15.5.7	AO3(ii)						
15.5.8							

round up and record totals as whole numbers			
Assessment Objective	AO Total	Divide By	total
AO1		7	/12
AO2		18	/14
AO3(i)- Practical		12	/26
AO3(ii)- Theory		7	/28
Total			/80