	(i) What mass of Ag ₂ S is produced from a mixture of Ag and 2.0g of S.	
N.	(ii) What mass of which reactant is left unreacted.	G
	[Ag = 107.9 S = 32.06]	
3. (a)		70
	a silver salt that is white and moderately soluble, being precipitated only from concentrated sulphuric acid.)
	any soluble carbonate Net Constant	^y
J was	(iii) any insoluble iodide A Agi	D M
What was the form	(iv) an insoluble barium salt which is also insoluble in dilute	20 1
(b)	The state of the s	
	(ii) List any ions that do interfere with a control of	<i>O</i>
THE STATE OF THE S	(iii) Write all chemical equations involved in the test.	
(c)	Whiel of the following anions would not react with KMnO ₄ ?	Ball.
4. (1)	Deser be how you would prepare \$600 ml of 0.02 Me Na ₂ SO ₄ solution. A 25 I il aliquot of this solution is transferred to another 500 ml volun etric flask and diluted to the mark. Calculate the molarity of undergone.	2
(b)	The ru io of the number of atoms of the isotopes of ⁶⁹ Ga and ⁷¹ Ga in samples from different sources was measured in an effort to understand differences in reported values of the atomic weight of gallium. Results for 8 samples were as follows.	.6 4
Sample Sample Giv 11 Ga	1.52660 1.52974 1.52592 1.52731 1.52804 1.52685 1.52793 1/.5685 4	5.
(c) 1 SAFO ACQU ASS ADDAL	Find the mean value of Ga/71 Ga. Find the standard deviation Find the variance Find the median value. AAH AAH	
t. K. bannei E. Tuani	$\frac{2}{3} \frac{1}{3} = \frac{2}{3} \left(\frac{1}{3} \right)^{2} = \frac{1}{3} \left($	57°
₹.	7, 5.0	**