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Aim!-	
Determine the sodium chloride by	Mohrb method.
Reference:	
Requirement!	
· Apparatus: Burette, burette, stand cylinder, beaker, conica Stirring rod.	, Measuring I flask,
· Chemical: - AgNO3 (Silver Nitrate Nacl (Sodium Chlori Potansium choomate (indice	) de)
Theory:	
Sodium chloride, also known as it is commonly used as a condim food preservative.	common salt,
The Mohr titration uses the cho as an indicator for the titration with silver nitrate solution. Af	omate ion of chloride ter, the
Teacher's Signature	

## Calculation and Observation

S.No.	Initial reading	final reading	Volume consumed.	
1.	0.0	6.7	6.7	
2.	6.7	13.1	6.4	
3.	13.1	20.0	6.9	

Avg. Vol. consumed =  $\frac{6.7 + 6.4 + 6.9}{3} = \frac{20.0}{3}$ = 6.66 ml.

 $n_1 V_1 = n_2 V_2$   $0.1 \times 6.6 = 10 \times n_2$ 

M2 = 10 x 66 x 11 = 0.66 ml.

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Si fo in co,	loside is consumed, the slight liver nitrate treacts with the che or an orange yellow precipitate dicator and analyte greations. a mpetitive equilibria, the concentrate indicator must be carefully	As the chosen.
	Nacl + AgNoz -> Agcl-V+Na White ppt.	1003.
Px	ocedure:	
1) Pr.	eparation of 0.1 M silver Nitrate solut	ion.
8	epane approx D.1 M AgNoz by disso. S gm of AgNoz in soo ml of der well and store in a dark glass !	onized water.
11) P-0	eparation of 5.1. W/v potassium chron	nate indicator.
Dis	solve 1 gm of K2CrOq in 20 ml.	of distilled
III) Pr	reparation of sodium chloride.	
, Us	se the analytical balance to muig sodium chloride and dissolve it is water.	hout 0.25gm n soml
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Res	sult:						
The	- perce	entage	purity	of	Sodium	chloride	
San	PIE	10	3.04.				
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