

Chloride Test Kit**Mercurous (II) Thiocyanate Method****ASSAY PROCEDURE**

AUTOMATED PARAMETERS	
Wavelength	505 nm
Cuvette	1 cm
Measurement	Against Reagent Blank
Reaction Temperature	RT (22-30°C)
Reaction Type	End Point
Reaction Direction	Increasing
Incubation	5 Min.
Sample Volume	10 µL
Reagent I Volume	1000 µL
Blank Absorbance Limit	< 0.30
Units	mEq/L

MANUAL ASSAY PROCEDURE**Pipette into Test Tubes.**

	BLANK	STD	SAMPLE
Sample	-	-	10µl
Standard	-	10µl	-
Reagent	1000µl	1000µl	1000µl

Mix & Incubate for 05 min. at RT. Measure absorbance of Sample (AT) and Standard (AS) against Reagent Blank at 505 nm.

SAMPLE DILUTIONS:

1. This method is linear upto a concentration of 130 mEq/L.
2. Dilute samples above this concentration 1:1 with DI Water.
3. Repeat assay. Multiply the result by 2.

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LINEARITY

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