

LSSTH BHAVANAGAR +91-278-2423250	EQAS CHECKLIST	UNIQUE ID LSSTH/ BIOCHEM/EQASCHECKLIST PAGE NO 1 of 3
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Department: Biochemistry	EQAS Program: RIQAS
Analyte: Chloride	Cycle: 18
Method: ISE Direct	Sample: 10
Lab Result: 99.20	Instrument: AET 300
Z-score:	Peer Mean:
Comparator Mean: 94.86	Comparator (n):

Sample Receipt:	Who Received Kit:	Date Received:	Yes/No/NA
	Pallavi	25/03/2021	
Was the kit received in good condition?			Yes
Was the correct program/cycle received?			Yes
Was the kit stored at the proper temperature following receipt?			Yes
Sample Preparation:	Who Prepared Sample:	Date:	
	Pallavi	22/10/2021	
Was the correct reconstitution instruction followed (handling, time, temperature)?			Yes
Was a volumetric Class A (or calibrated) pipette used for reconstitution?			Yes
Was distilled or deionized water used for reconstitution?			Yes
Was the sample mixed according to the package insert prior to testing?			Yes
Sample Processing:	Who Ran Affected Test:	Date:	
	Rudhika	22/10/2021	
Was the correct sample number tested?			Yes
- Was the sample at room temperature?			Yes
- Was the person running the test current in their training			No
- Was the affected test run within the stability claim listed in the package insert?			Yes
Was incubation time for analysis is followed correctly?			Yes
Reporting Results:	Who Reported?	Date:	
	Dr. Sushma	25/10/2021	
- Was the test configuration correct (instrument, method and reagent)?			Yes
- Have the results been reported correctly (match instrument print out)?			Yes
- Was the correct unit reported?			Yes
- Was the decimal symbol placed correctly when reported?			Yes

Name of Laboratory : Laboratory Services Sir T. Hospital			
Document No.5	Document Name : SOP OF IQC and EQAS		
Issue No. :01	Issue Date: 26/10/2015	Amend No. :	Amend Date :
Prepared by : Section In charge	Approved by : HOD, Biochemistry		

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- Was the reported result within the instrument's linear range?			Yes
- Was the calculation of the reported result done correctly?			-
Internal QC:	Who Ran IQC (on EQAS testing): Pardhika	Date: 22/10/2021	07.13
Was the correct reconstitution instruction followed (handling, time, temperature)?			Yes
Was IQC material stored at the proper temperature following receipt?			Yes
Was IQC within an acceptable range on the day that the EQAS sample was run?			Yes
Where there any shifts or trends in IQC just before/after the EQAS sample was run?			No
Calibration:	Who Ran Calibration Pardhika	Date: 22/10/2021	
Was the last calibration acceptable?			Yes
Was the last calibration within the manufacturer's recommended dating?			Yes
Reagent:	Reagent Lot: DE2707001	Lot Expiration 28/06/2022	
-Was the test reagent stored correctly?			Yes
- Was the test reagent properly prepared?			Yes
- Was the test reagent within manufacturer's dating?			Yes
Instrument:	Who Performed Maintenance: Pardhika	Date: 22/10/2021	
Was daily maintenance performed on the day that the EQAS sample was run?			Yes
Was the person performing maintenance current on training?			No
Was the instrument operating correctly on the day the sample was tested?			Yes
Was the lab environment acceptable for the instrument (temperature, humidity, electrical, etc.)?			Yes
Was instrument calibrated or not?			
Sample Retest:	Who Retested Sample: Pallavi	Date: 7/11/2021	
Was the EQAS sample retested following receipt of EQAS sample report?			Yes
If yes, was the result within acceptable limits for the EQAS sample?			Yes (92.26)
EQAS Evaluation:			
Inappropriate peer group or comparator			
Inappropriate evaluation criteria, e.g. narrow limits due to use of a precise method or instrument.			

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Root Cause of Problem:

- After receiving the EQAS result, we had repeated (re-tested) the EQAS sample for serum chloride.
- We found that probable cause of outlier may be due to random error.

Corrective Actions:

- Re tested the EQAS sample and result found satisfactory.

Preventive Actions:

We will check for any random error before running the EQAS and other samples.

Reviewed By:

[Signature]
Dr. Supna Patel

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-----SERUM TEST-----
0498:0091 27
K = 3.48 mmol/L 73.83 mV
Na = 122.39 mmol/L 76.82 mV
Cl = 92.23 mmol/L 107.58 mV
-----Washing-----
NEED DE-PROTEINIZE

POWER



1	2	3	4	5	←	→	NO
6	7	8	9	0	.	-	YES