



सत्यमेव जयते

## TEST / CALIBRATION REPORT



### ELECTRONICS REGIONAL TEST LABORATORY (WEST) MINISTRY OF COMMUNICATIONS & INFORMATION TECHNOLOGY (STQC DTE.) Government of India

Plot No. F 7 & 8, MIDC Area, Opp. SEEPZ,  
Andheri (E), Mumbai - 400 093.  
Phone : (022) 2832 5134, 2830 1468, 2830 1138 Fax : (022) 2822 5713  
E-mail : ertlbom@bom4.vsnl.net.in



ELECTRONICS REGIONAL TEST LABORATORY (WEST)  
MINISTRY OF COMMUNICATIONS & INFORMATION TECHNOLOGY  
DEPT. OF INFORMATION TECHNOLOGY, STQC DTE.



C-0028

SUBJECT: CALIBRATION OF CONDUCTIVITY METER

REPORT NO.: ERTL(W)/2008S&C1061

DATE: July 21, 2008

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CALIBRATED ON: 16/07/2008

CAL DUE ON (RECOMMENDED): 16/07/2009

#### 1.0 SCOPE:

#### 1.1 Service Request Details

- 1.1.1 Service Request No. & Date : ERTL(W)/20081036, 27/06/2008
- 1.1.2 Requested by (Name & address of organisation) : ASTER TECHNOLOGY  
ASTER TECH,  
1311, CLOVER HIGH LANDS,  
OFF NIBM ROAD, KONDWA,  
PUNE-48

#### 1.2 Item Details:

1.2.1 Nomenclature	Manufacture	Type/Model	Sr. No.
CONDUCTIVITY METER	ASTER TECH.	CT-650	04-11-04

#### 1.2.2 Calibration Specifications of the Item:

Parameter	Range	Accuracy
CONDUCTANCE	10.0 to 1999 $\mu$ S	$\pm$ 0.05% FSD

1.3.1 Item Received on: 26-02-2007 1.3.2 Physical Condition of item on receipt: OK

#### 1.4 Details of Test Equipments used:

Parameter	Eqpt. Used	Accuracy	Cal. Validity
CONDUCTANCE	S&C/135	$\pm$ 0.02%	NOV'2008

1.5 Operating Procedures used: ERTL(W)/S&C/26

CALIBRATED BY: *[Signature]*

CHECKED BY: *[Signature]*

RELEASED BY: *[Signature]*



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#### 3.0 BRIEF RESULTS:

Measured values have been reported.

#### 4.0 GENERAL REMARKS:

- 4.1 A calibration sticker has been affixed on UUC.
- 4.2 Equipments used for calibration were calibrated with reference standards traceable to NPL, Delhi.
- 4.3 The reported expanded UNCERTAINTY is at coverage factor  $k=2$ , which corresponds to a coverage probability of approximately 95% for a normal distribution.
- 4.4 NABL Certificate No. C-0028.

CALIBRATED BY: *[Signature]*

CHECKED BY: *[Signature]*

REPORT RELEASED BY: *[Signature]*

REPORT APPROVED BY: *[Signature]*

(R. C. Thakur)

(HEAD, STANDARDS & CALIBRATION)

(OIC, CU...)

