



FORM NO : NTH/CHN/F5



NABL

T-0183, T-0184, T-0185, T-0189  
C-0791, C-0792, C-0793

भारत सरकार Government of India  
राष्ट्रीय परीक्षण शाला (द.क्षे.)  
NATIONAL TEST HOUSE (SR)  
तरमणी, चेन्नई - 600 113. Taramani, Chennai - 600 113.  
Phone : 22432374, 22431157 Fax : 22433158 email : nthsr@tn.nic.in

**TEST CERTIFICATE****345329**

Test Certificate No.	Date of Issue	Code No.	Page	No. of Pages
NTH(SR)/EL(C)/2012/217(B)	17.07.2012	1336731408693	01	02

Issued in two copies

Issued to & address : M/s. Wiremann Industries Pvt. Ltd.,  
#74, 3<sup>rd</sup> floor, Sri Plaza, A.M. Lane,  
Chickpet,  
Bangalore – 560 053.

Customer's Ref. No. : WIPL/NTH/Type test/694/09/13, Dated: 10.05.2012.

Description of Test Item : Plain copper (50gm approximately)

Date of Receipt of Sample : 11.05.2012

Method used for test/Specification : As per IS: 191 (Part V) – 2007

Sampling Procedure : Not applicable

Remark : The sample, meets the requirements of the specification  
IS: 191 – 2007 fourth revision in respect of the  
Copper purity test carried out

Tested by

Checked &amp; Approved by

V. Sivaguru  
Scientific Assistant (Elect.)P. Somu  
Scientist.SC (Elect.)

Note: 1. This Test Certificate or report may not be published for commercial purpose except in full, unless permission for the publication of an approved abstract has been obtained from the Director, National Test House, Taramani, Chennai.

Note: 2. This certificate applies only to sample tested.



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### 1. Description of the sample :

- a. Nomenclature : Bare Plain Copper wire (50gm)
- b. Packing : Packed in a carton box.
- c. Markings : Salient markings found on label attached with the bare copper  
Description : 50 gram plain copper for purity test (Copper + Silver)  
as per IS: 191 (part 5)

As requested the sample has been subjected to the purity test as per IS: 191 (Part V) – 2007 with the results noted below.

### 2. Tests

Purity test on copper conductor (as per IS: 191 – 2007)	Specified	Observed
Copper + silver percent	99.90 (Min)	99.93

### Note:

The average ambient conditions of the laboratory during the above test were as follows

Room temperature, deg C	: 27 ± 2
Relative humidity, percent	: 65 to 70%

«««« END OF TEST CERTIFICATE »»»»

Tested by

V. Sivaguru  
Scientific Assistant (Elect.)

Checked &amp; Approved by

P. Somu  
Scientist.SC (Elect.)