Calibration Certificate : DC Reference Standard

1. Calibrated for:	LF, HF Impedance and DC Metrology Section, CSIR-NATIONAL PHYSICAL LABORATORY Dr K S Krishnan Marg New Delhi 110012 Customer Reference note dated 15-07-2021
2. Description and Identification of instrument:	DC Reference Standard 732B Serial no.9130702
3. Environmental Conditions:	Temperature: $(25 \pm 1)C$ Humidity: (50 ± 10)%
4. Standard(s) Used: Associated Uncertainity:	Programmable Josephson Voltage Standard string-manufacturer-measuringEquipment-1
5. Traceability of standard(s) used:	Programmable Josephson Voltage Standard (Primary Standard)
6. Principle/ Methodology of Calibration:	The DC Reference Standard has been calibrated by comarison method with Programmable Josephson Voltage Standard as per calibration procedure no.

Head CFT:	Calibrated By:	Checked By:	Scientist in-charge:
(Dr Sushil Kumar)	(Sandhya M. Patel)	(Saood Ahmad)	(Anurag Gupta)

7. Measurements:

Nominal Value (in V)	Measured Value(in V)	Error(in V)
10.0	10.00003835	0.000000091
1.018	1.01815396	0.000000086

The report expanded uncertainity is at a coverage factor k + 2 which corresponds approximaltely 95.0% for a normal distribution.

8. Dates of Calibration: 2021-09-21 to 2021-09-21

9. Remarks: (i) The DC Reference Standard has been calibrated

(ii) The noise of the DC Reference Standard is inclusive