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**Laboratorium Standar Nasional Satuan Ukuran LK-070-IDN**

***Laboratory of National Measurement Standards***

**Sertifikat Kalibrasi**

***Calibration Certificate***

Certificate number: aaaaa

Order number: D

**Deskripsi Objek yang Dikalibrasi/Diukur**

***Description of object being calibrated or measured***

Jenis alat atau objek : D

*Type of instrument or object*

Merek/pembuat dan tipe : D D

*Brand/manufacturer and type*

Identifikasi alat : manufacturer

*Instrument identification*

Nomor seri : D

*Serial number*

Identifikasi lain : D

*Other identification*

**Identitas Pemilik**

***Owner’s identification***

Nama : D

*Designation*

Alamat : D D, D, D

*Address* D, D

**Pengesahan**

***Authorization***

Pejabat yang mengesahkan : Direktur SNSU Termoelektrik dan Kimia

*Authorizing officer*

Nama : D

*Name* NIP

Tanggal pengesahan : 2025-03-19

*Date of issue (dd/mm/yyyy)*

Jumlah halaman (termasuk halaman ini) :

*Total number of pages including this one*

Dokumen ini disahkan secara elektronik sesuai peraturan yang berlaku dengan sertifikat dari Balai Sertifikasi Elektronik (BsrE) dan tidak memerlukan tanda tangan atau cap. Dokumen asli dapat diperoleh dengan memindai kode QR di samping ini.

*This document is digitally signed. No signature or seal is required. The original document can be obtained by scanning the QR code on the left.*

Kalibrasi atau pengukuran yang dilaporkan dalam sertifikat ini tercakup dalam lingkup akreditasi menurut SNI ISO/IEC 17025 oleh Komite Akreditasi Nasional, kecuali dinyatakan dalam badan sertifikat.

*The calibration or measurement reported in the certificate is covered in the accredication scope according to SNI ISO/IEC 17025 by the National Accredication Committee of Indonesia, unless marked otherwise in the body of certificate.*

Laboratorium Standar Nasional Satuan Ukuran, Badan Standarisasi Nasional (SNSU-BSN)

*Laboratory of National Measurement Standards, Nasional Standardization Agency of Indonesia*

Kompleks Puspiptek, Gedung 420, Setu, Tangerang Selatan, Banten 15314, Indonesia

Telephone +62-21-7560534, +62-21-7560571, Mobile +62-857-8085-7833, Web [www.bsn.go.id](http://www.bsn.go.id), Email nmi@bsn.go.id

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AI-generated content may be incorrect.No. Sertifikat / *Cert. Number*: aaaaa

No. Order / *Order Number*: D

Nama Alat/*Instrument Name* : D

Pembuat/*Manufacturer* : D

Model/*Model* : D

No. Seri/*Serial Number* : D

Tanggal Kalibrasi/*Calibration Date* : 2025-03-19 – 2025-03-19

Tempat Kalibrasi/*Calibration Place* : laboratory

**Hasil Kalibrasi/*Calibration Result***

**Kondisi Ruangan/*Environmental Condition***

Suhu/*Temperature* : (D ± D) ºC

Kelembapan Relatif/*Relative Humidity* : (D ± D) %RH

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Resistansi DC / *DC Resistance*** | | | | |  |  |  |
| **Arus Uji Nominal** | | | | **Resistansi Terukur** | | **Ketidakpastian** | |
| ***Nominal Test Current*** | | | | ***Measured Resistance*** | | ***Uncertainty*** | |
|  | **3** | **A** |  | **1,00268** | **mV/A** | **0,00086** | **mV/A** |
|  | **-3** | **A** |  | **0,99685** | **mV/A** | **0,00086** | **mV/A** |
|  | **15** | **A** |  | **0,99981** | **mV/A** | **0,00064** | **mV/A** |
|  | **-15** | **A** |  | **0,99965** | **mV/A** | **0,00064** | **mV/A** |
|  | **27** | **A** |  | **0,99975** | **mV/A** | **0,00062** | **mV/A** |
|  | **-27** | **A** |  | **0,99963** | **mV/A** | **0,00062** | **mV/A** |
|  | **30** | **A** |  | **0,99967** | **mV/A** | **0,00062** | **mV/A** |
|  | **-30** | **A** |  | **0,99955** | **mV/A** | **0,00062** | **mV/A** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Resistansi AC / *AC Resistance*** | | | | |  |  |  |
| **Arus Uji Nominal** | | | | **Resistansi Terukur** | | **Ketidakpastian** | |
| ***Nominal Test Current*** | | | | ***Measured Resistance*** | | ***Uncertainty*** | |
| **3** | **A** | **20** | **Hz** | **1,0028** | **mV/A** | **0,0028** | **mV/A** |
| **3** | **A** | **50** | **Hz** | **1,0018** | **mV/A** | **0,0028** | **mV/A** |
| **3** | **A** | **1** | **kHz** | **1,0034** | **mV/A** | **0,0028** | **mV/A** |
| **15** | **A** | **20** | **Hz** | **1,0056** | **mV/A** | **0,0023** | **mV/A** |
| **15** | **A** | **50** | **Hz** | **1,0056** | **mV/A** | **0,0020** | **mV/A** |
| **15** | **A** | **1** | **kHz** | **1,0063** | **mV/A** | **0,0020** | **mV/A** |
| **20** | **A** | **20** | **Hz** | **1,0038** | **mV/A** | **0,0018** | **mV/A** |
| **20** | **A** | **50** | **Hz** | **1,0037** | **mV/A** | **0,0017** | **mV/A** |
| **20** | **A** | **1** | **kHz** | **1,0045** | **mV/A** | **0,0017** | **mV/A** |

**Catatan/*Notes***

Dikalibrasi oleh/*Calibrated by* :

(Pelaksana/*Technician*)

Diperiksa oleh/*Checked by* :

(Penyelia/*Supervisor*)

:

()

**==== Akhir dari Sertifikat/*End of Certificate* ====**