

Certificate of Calibration

Reference No R124135972
Date of Issue 14 Jun 2024
Customer PRO LAB ENGINEERING SERVICES SDN BHD
ID: 039228 No.21-G
Jalan Bidara 8 Saujana Utama 3
47000 Sungai Buloh
Selangor
Instrument Pyknometer
Model NICE
Serial No N/A
Control No CA0511F
Equipment ID N/A
Capacity/Range 50 ml
Date of Receipt 11 Jun 2024
Date of Calibration 14 Jun 2024
Recalibration Date Customer to Determine
(Specified by Customer) The User should be aware there are many factors may cause this instrument to drift out of calibration limits prior to the stated recalibration date.
Condition of Instrument Before Calibration Good Physical Condition
After Calibration Calibrated and Serviceable
Location of Calibration Trescal Laboratory
Calibration Environment (23.0 ± 2.0) °C, (55 ± 10) %rh
Calibration Method LCP 01606

Cert. No. PSYP- 24044039

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Reference Standard Used

Reference Instrument	Equipment ID	Control No	Certificate No	Traceable to	Due Date
Weighing Comparator	PH-V-WC3	C7566S	PSYP-23087693	NMIM	04 Dec 2024
Thermometer With Sensor	PH-V-TS2	CW2222	PSYP-23083379	NMIM,NMIA,KOLAS	14 Nov 2024

Calibrated By

Nurzulaiha Binti Ahmad

Approved Signatory

Fatimah Binti Azlan

The reported expanded measurement uncertainty is stated as the standard measurement uncertainty multiplied by the coverage factor k such that the coverage probability corresponds to approximately 95%

This certificate is issued in accordance with the laboratory accreditation requirements of Skim Akreditasi Makmal Malaysia (SAMM) of Standards Malaysia which is a signatory to the ILAC MRA. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Metrology Institute of Malaysia (NMIM) and other recognised national metrology institutes. Copyright of this certificate is owned by the issuing laboratory and may not be reproduced other than in full except with the prior written approval of the Head of the issuing laboratory.

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Instrument Calibrated

Range	50	ml
Specification (\pm)	N/A	

ACCURACY TEST			
NOMINAL VOLUME	UUT VOLUME	UUT ERROR	SPECIFICATION (\pm)
50	50.6	0.6	N/A
Measurement Uncertainty =	0.1 ml		k = 2

Info :

1. The UUT was calibrated "To Contain".
2. The UUT was calibrated by filled from its empty and dry condition.
3. Uncertainty - Parameter, associated with the result of measurement, that characterises the dispersion of the value that reasonably be attributed to the measurand.

ACCEPTABLE TO USE



Izatul Azira

Lab Manager/Approved Signatory
PRO LAB ENGINEERING SERVICES SDN BHD

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