

## Certificate of Calibration

Reference No R123115845  
 Date of Issue 12 Oct 2023  
 Customer PRO LAB ENGINEERING SERVICES SDN BHD  
 ID: 039228 No.21-G  
 Jalan Bidara 8 Saujana Utama 3  
 47000 Sungai Buloh  
 Selangor  
 Instrument Cone Angle  
 Model N/A  
 Serial No N/A  
 Control No CA2248L  
 Equipment ID N/A  
 Capacity/Range 30 °  
 Date of Receipt 09 Oct 2023  
 Date of Calibration 12 Oct 2023  
 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 Item chipped and dented  
 After Calibration Calibrated as Requested by Customer  
 Location of Calibration Trescal Laboratory  
 Calibration Environment (20.0 ± 1.0) °C, (55 ± 15) %rh  
 Calibration Method LCP 01480

Cert. No. PSYP- 23073249

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### Reference Standard Used

Reference Instrument	Equipment ID	Control No	Certificate No	Traceable to	Due Date
Granite Surface Plate	PH-DS-GP1	CA08800	PSYP- 23024057	NIST	13 Jun 2024
Bevel Protractor	PH-DS-PR1	CB0908	PSYP-23055687	NMIM,NIST	15 Aug 2024

Calibrated By

Rabiatul Irdawiyah Bt Zaini

Approved Signatory

Teo Hun Wei

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.

TRESCAL (MALAYSIA) SDN. BHD.

## Certificate of Calibration

Control No. CA2248L

Cert. No. PSYP-23073249

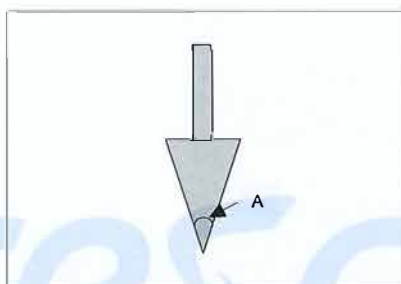
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### TEST RESULT :

Unit	°	Piece :	1
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### MEASUREMENT RESULT

#### DIAGRAM :



#### 1) ANGLE :

REMARK	NOMINAL VALUE	REFERENCE MEASURED VALUE	DEVIATION FROM NOMINAL	SPECIFICATION ±
A	30	29.83	-0.17	N/A
Measurement Uncertainty = 0.08 °				k = 2

Remark : ( \* ) mean Out of Specification

#### Info :

1. 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  
Pro Lab Engineering Services Sdn Bhd

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www.trescal.com LQP 00115\_APA / 01 July 2023