

## **CALIBRATION CERTIFICATE**

No. 05-2022-FORC-0132

Date of Calibration

: December 19, 2024

Calibration Item

: Tensile Testing Machine

Capacity

: 100 lbf

Measurement Range: 0 lbf to 90 lbf

Resolution

: 0.01 lbf

Make / Model

: Yuelian / STS-100kg

Serial No.

: J974953; 14143 (Indicator)

Customer

: MANILA CORDAGE COMPANY

No. 116 Progress Ave., Carmelray Industrial Park I

Canlubang, Calamba City, Laguna

## MEASUREMENT RESULTS:

Force	Indicated Force	Relative Expanded Uncertainty	Relative Measurement Error	Relative Repeatability Error
	lbf	%	%	%
	0.0	0.00	0.00	0.00
	20.2	0.89	-1.12	1.37
	40.4	0.16	-1.11	0.22
	60.7	0.12	-1.18	0.16
	81.0	0.39	-1.21	0.63
	91.1	0.31	-1.19	0.49

## ERTAINTY OF MEASUREMENT:

The uncertainty stated is the expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k = 2. It has been determined in accordance with the "JCGM 100:2008 Evaluation of measurement data- Guide to the Expression of Uncertainty in measurement". The value of the measurand lies within the assigned range of values with a probability of approximately 95%.



