



## 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., Carmel Industrial Park I  
Canlubang, Calamba City, Laguna

### MEASUREMENT RESULTS:

Applied Force	Indicated Force	Relative Expanded Uncertainty	Relative Measurement Error	Relative Repeatability Error
lbf	lbf	%	%	%
0.0	0.0	0.00	0.00	0.00
20.0	20.2	0.89	-1.12	1.37
40.0	40.4	0.16	-1.11	0.22
60.0	60.7	0.12	-1.18	0.16
80.0	81.0	0.39	-1.21	0.63
90.0	91.1	0.31	-1.19	0.49

### UNCERTAINTY 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%.