

Laboratory Indian Jute Industries Research Association,17, Taratala Road,
Kolkata, West Bengal

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number CC-2772 Page 1 of 1

Validity 25.07.2018 to 24.07.2020 Last Amended on -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>THERMAL CALIBRATION</u>				
I.	SPECIFIC HEAT AND HUMIDITY			
1.	Humidity (Moisture Regain) Jute Moisture Meters [#]	Fixed Point Humidity: Sodium Nitrate 64.0 % Sodium Chloride 75.0% Potassium Nitrate 93.6% Potassium Sulphate 97.3 % Distilled Water 100 %	Moisture Regain MR: 12.5 % 15 % 23.7 % 29.5 % 37.0 % 3.5 % 3.5 % 3.5 % 3.5 % 3.5 %	Using Desiccators: Standard Salt Solutions Saturated In Jute Fibres By Direct Method

* Measurement Capability is expressed as an uncertainty (\pm) at a confidence probability of 95%

The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

Note: The relationship between humidity and moisture regain is explained by a graph given in a published paper "Moisture relationship of Jute" by Indian Jute Mills Association, Royal Exchange 1939.

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