

# CERTIFICATE OF ACCURACY

We, the Manufacturer

## **LogTag Recorders Limited**

PO Box 101-482 NSMC, Auckland, New Zealand

**declare that the product**

*LogTag Temperature Recorder*

Model number : **TRIX-8**

**With externally affixed serial numbers**

**1000155573 to 100015592**

**Is in conformance to the published accuracy specifications, namely:-**

better than  $\pm 0.5^{\circ}\text{C}$  for  $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$ .  
better than  $\pm 0.7^{\circ}\text{C}$  for  $-10^{\circ}\text{C} \sim -30^{\circ}\text{C}$  &  $+40^{\circ}\text{C} \sim +60^{\circ}\text{C}$   
better than  $\pm 0.8^{\circ}\text{C}$  for  $-30^{\circ}\text{C} \sim -40^{\circ}\text{C}$  &  $+60^{\circ}\text{C} \sim +80^{\circ}\text{C}$

Every LogTag TRIX-8 Temperature Recorder manufactured is rated to this specification using the following method:-

- a) The temperature measurement circuitry of every LogTag temperature recorder is calibrated during manufacture in controlled test fixtures. Reference temperatures and the resulting calibration tables are stored in both the temperature recorder's memory and in a production computer file. Test fixtures are checked and calibrated at least every 6 months using traceable instrumentation. Calibration certificates for this equipment are available on request.
- b) The temperature sensor employed in the LogTag TRIX-8 temperature recorder is rated by the supplier & manufacturer to be interchangeable with accuracy sufficient to meet or better the above rated accuracy. Sensor accuracy is measured and rated by the sensor manufacturer in accordance to ITS-90. Manufacturer's report is available on request.

**This certificate is issued by : LOGTAG RECORDERS LIMITED**

**Dated 15th March 2012**

**Signed :**

  
LogTag Recorders Limited