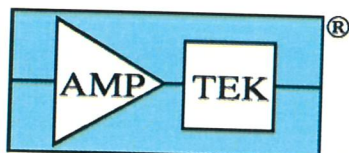


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**AMETEK**
MATERIALS ANALYSIS DIVISION

Certificate of Calibration

Document Number MCD-025-A0

Amptek Inc. hereby certifies that the above product was calibrated in accordance with applicable procedures, and meets all published specifications. The unit was calibrated using standards whose accuracy is traceable to the National Institute of Standards and Technology (NIST).

Calibration Date: 24-JUN-2015
Calibration Due: 24-JUN-2016
Model Number: MCA8000D
Description: Multichannel Analyzer
Serial Number: 738
Manufacturer: Amptek Inc.
Calibration Procedure: MCD-510-A0
Certified By: *Luca R. Marchetti*

Tolerances

| V Scale | Offset @ 40 mV | Gain |
|--------------|----------------|---------------------|
| 0-1 V Scale | ± 0.2 mV | $\pm 0.2\%$ @ 0.8 V |
| 0-10 V Scale | ± 0.2 mV | $\pm 0.5\%$ @ 8 V |

Received
Returned

in tol _____
in tol ✓

out tol _____
out tol _____

N/A ✓
N/A _____