

CERTIFICATE OF CALIBRATION

Certificate Number

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Test title	Applied Value	Reading	Tolerance	Uncertainties	Pass/Fail
Voltage Output ranges					
250 V output test					
Voltmeter reading	258 V	257 V	+4 V -4 V	Set Value	
500 V output test					
Voltmeter reading		512 V	+30 V - 0 V	Set Value	
1 kV output test					
Voltmeter reading	1023 V	1023 V	+50 V - 0 V	Set Value	
2.5 kV output test					
Voltmeter reading		1022 V	+8 V -8 V	Set Value	
5 kV output test					
Voltmeter reading	5101 V	5101 V	+210 V - 0 V	Set value	
		5100 V	+28 V -28 V	Set Value	
Insulation Ranges					
10 GOhm at 5 kV	9.8 GΩ	9.91 GΩ	0.392 GΩ	Set Value	
100 MOhm at 500 V		99.99 MΩ		Set Value	
100 MOhm at 5 kV	100 MΩ	99.99 MΩ	4 MΩ	Set value	
100 MOhm at 2.5 kV	100 MΩ	99.35 MΩ	4 MΩ	Set Value	
Short circuit current output		2.95 mA	0.6 mA	Set Value	
Capacitance Test					
47 nF at 1000 V	47 nF	48 nF	24.7 nF	Set Value	
3.3 uF at 1000 V	3.3 uF	3.306 uF	0.35 uF	Set Value	
Voltmeter Input Tests					
DC voltage input	40 V	41 V	7.6 V	Set Value	
DC voltage input	250 V	257 V	16 V	Set Value	
DC voltage input					
AC voltage input					
AC voltage frequency	60 Hz	59.8 Hz	2 Hz	Set Value	

* SAMPLE *