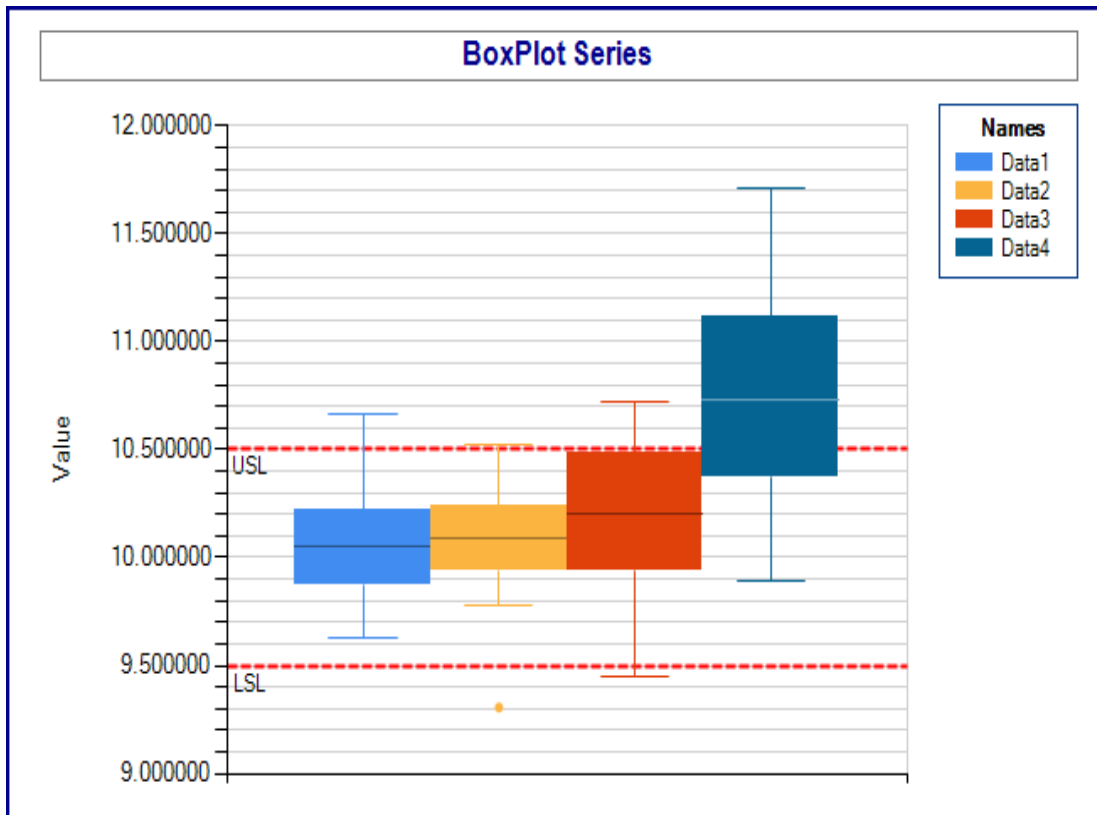


Table of Contents	
Worksheet Name	Report Title
R1	BoxPlot
R2	CalibrationReport
R3	Correlation
R4	ErrorBar
R5	GageStudy
R6	Histogram
R7	InstrumentAccuracy
R8	MeasurementUncertainty
R9	ParetoChart
R10	Percentile
R11	RunPlot
R12	SignificanceTest

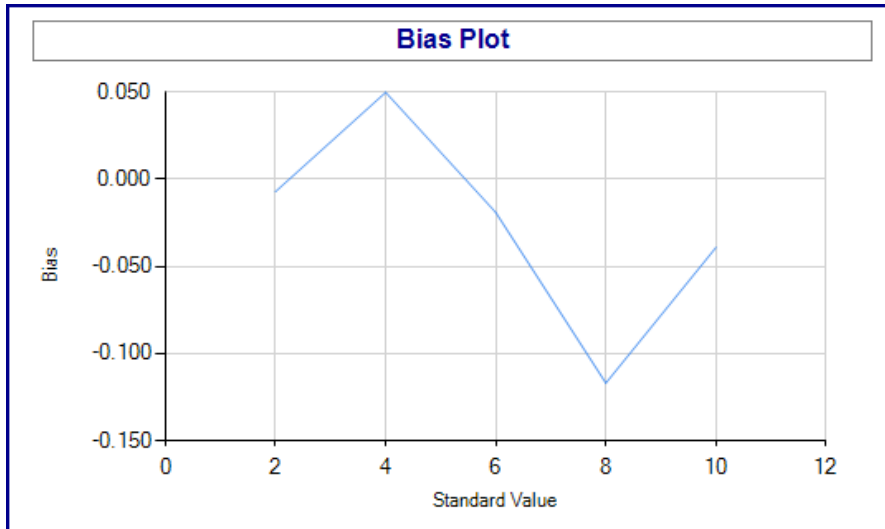
BoxPlot



General		
N	LSL	USL
32	9.5	10.5

BoxPlot Parameters										
Name	Lower Whisker	Upper Whisker	Lower Box	UpperBox	Mean	Median	Outliers	Minimum	Maximum	Range
Data1	9.625	10.66	9.872	10.217	10.056	10.056		9.625	10.66	1.035
Data2	9.782	10.519	9.94	10.243	10.092	10.092	1	9.306	10.519	1.213
Data3	9.448	10.72	9.942	10.485	10.203	10.203		9.448	10.72	1.272
Data4	9.894	11.709	10.373	11.115	10.727	10.727		9.894	11.709	1.815

CalibrationReport



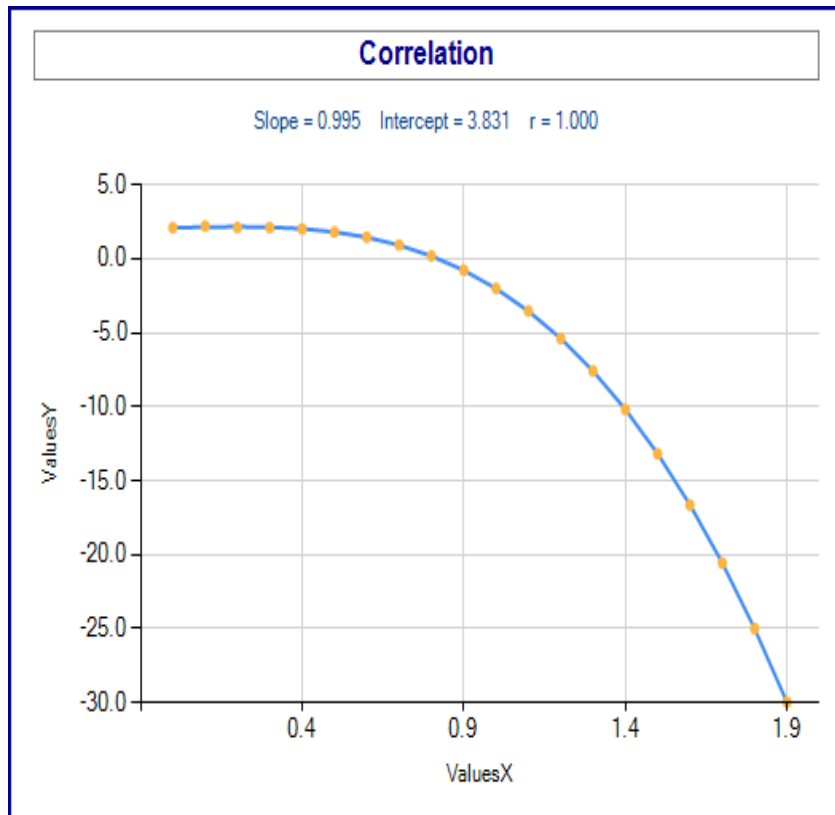
Instrument Specification			
%Reading	Offset	TypeB	Gage Coverage
1	0.05	0.25	2

Calibration Table									
STANDARD	INSTRUMENT	BIAS	MINIMUM	MAXIMUM	STATUS	SD	SAMPLES	SEM	MU
2	1.993	-0.01	1.93	2.07	Pass	0.01	20	0	0.5
4	4.05	0.05	3.91	4.091	Pass	0.02	20	0	0.5
6	5.981	-0.02	5.89	6.11	Pass	0.03	20	0.01	0.5
8	7.883	-0.12	7.871	8.129	Pass	0.05	20	0.01	0.5
10	9.961	-0.04	9.85	10.15	Pass	0.07	20	0.02	0.5

Summary					
Status	Steps	Slope	Intercept	RMSE	R
PASS	5	0.988	0.043	0.06	1

Correlation

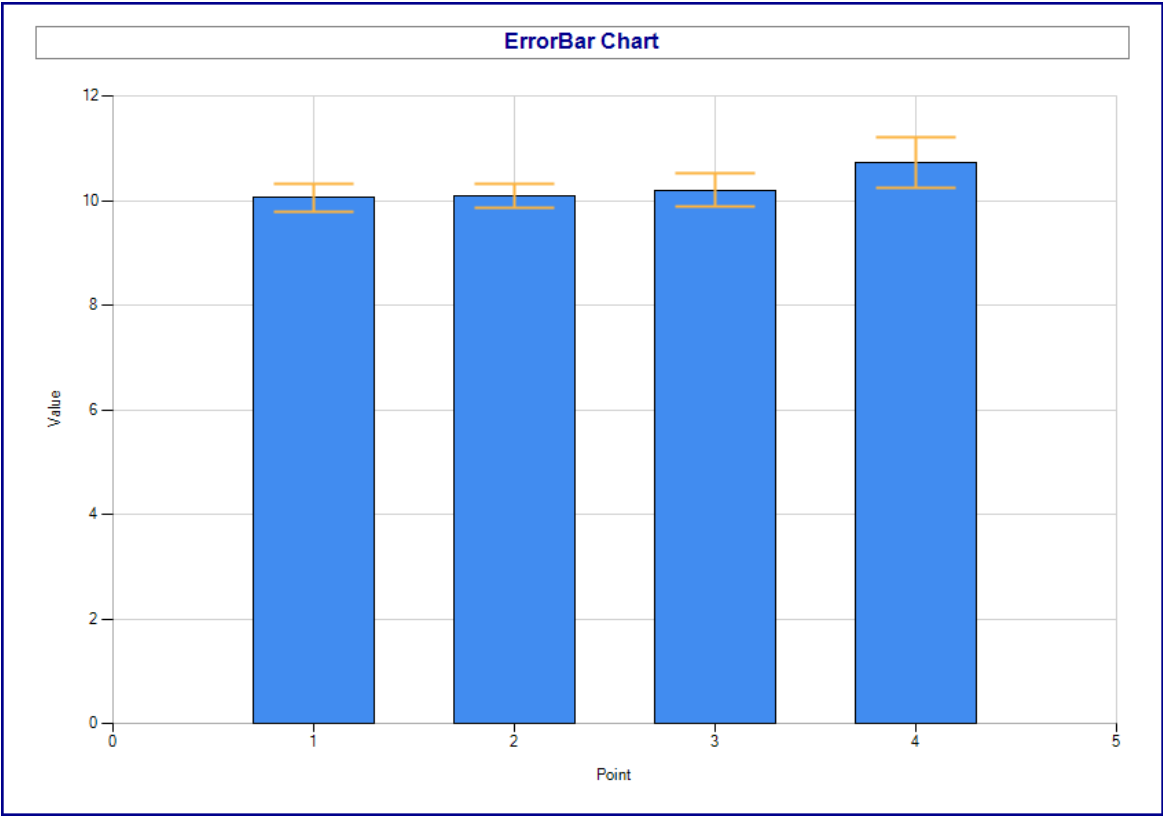
Correlation Data		
XData	YData	YFit
0	2.1	2.103
0.1	2.2	2.144
0.2	2.12	2.166
0.3	2.112	2.138
0.4	2.02	2.031
0.5	1.812	1.813
0.6	1.46	1.453
0.7	0.933	0.922
0.8	0.2	0.189
0.9	-0.767	-0.777
1	-2	-2.007
1.1	-3.527	-3.531
1.2	-5.38	-5.38
1.3	-7.588	-7.584
1.4	-10.18	-10.17
1.5	-13.19	-13.18
1.6	-16.64	-16.63
1.7	-20.57	-20.56
1.8	-25	-25
1.9	-29.97	-29.98



Summary					
XName	YName	N	Fit Order	MSEE	RMSEE
Data1	Data3	20	3	0.00034	0.0186

Coefficients	
Name	Value
a0	2.103086
a1	0.399815
a2	0.58681
a3	-5.09699

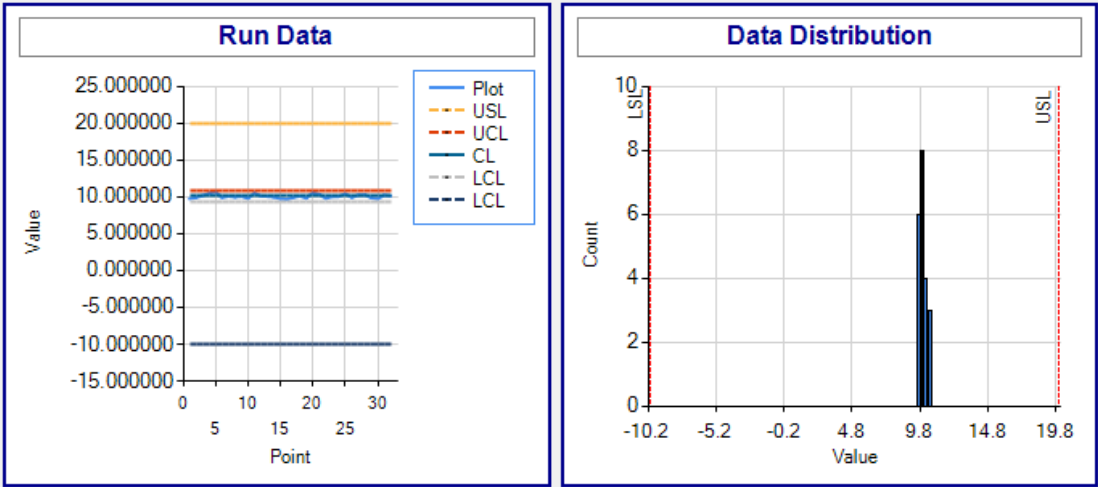
ErrorBar



Settings	
Error Type	N
SD	32

Summary			
Point	Name	Mean	Error
1	Data1	10.055592	0.26332
2	Data2	10.092344	0.23362
3	Data3	10.202877	0.31095
4	Data4	10.726721	0.47453

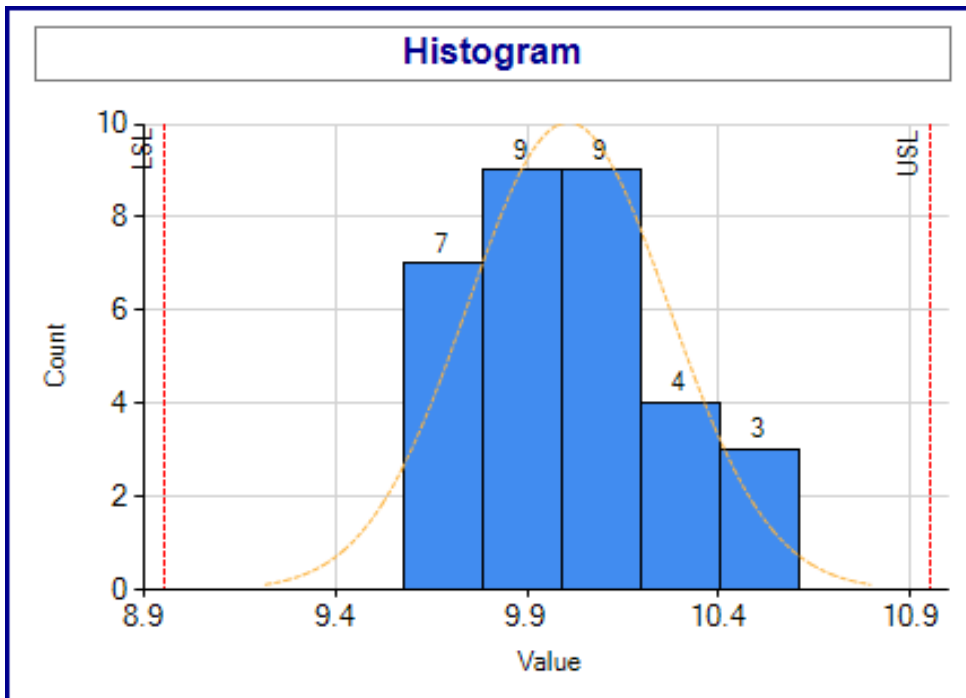
GageStudy



Run Events		
Point	Value	Event

Results		
Item	Value	Status
Name	Data1	
LSL	-10	
USL	20	
Tolerance	15	
N	32	
Mean	10.055592	
SD	0.263318	
Reference	5	
LCL	9.265637	
CL	10.055592	
UCL	10.845548	
Bias	5.055592	
Cg	0.63	Not Capable
Cgk	-4.5	Not Capable
%Var wo/Bias	31.6	Unacceptable
%Var w/Bias	-4.44	Acceptable
t-statistic	108.60897	
p-value	0	Highly significant

Histogram



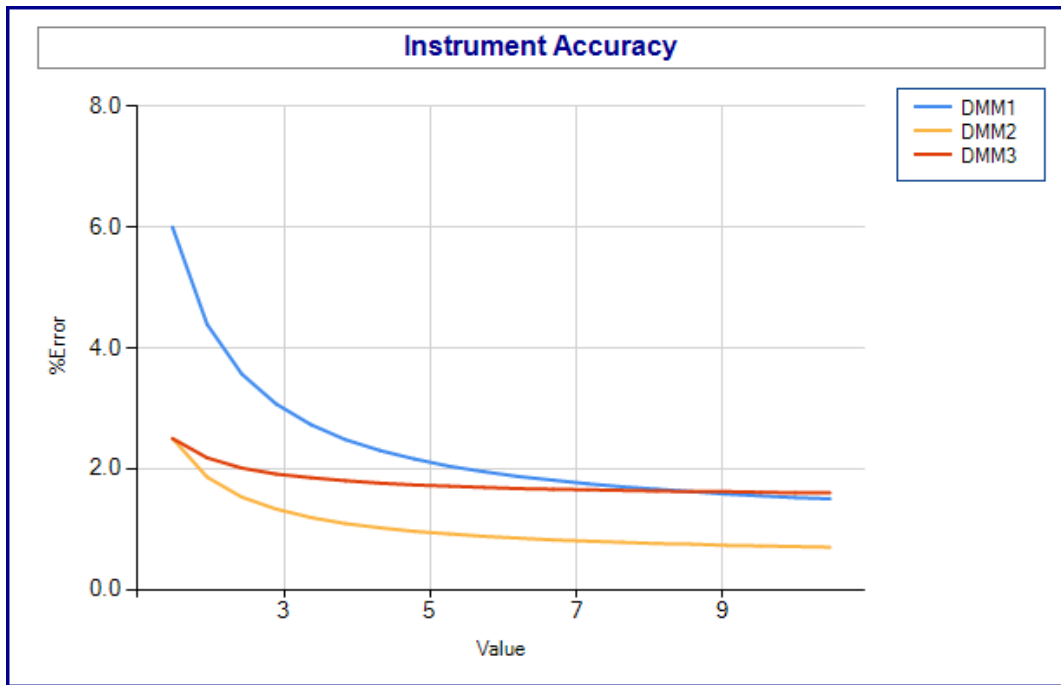
Statistics									
Name	LSL	USL	N	Mean	S	Median	Min	Max	Range
Data1	9	11	32	10.055592	0.26332	10.037674	9.62463	10.659606	1.03497

Advanced Statistics					
Skewness	Kurtosis	CP	CPL	CPU	CPK
0.532309	-0.50979	1.27	1.34	1.2	1.2

Outliers		
Low	High	Total
0	0	0

Attributes							
Fail Low	%Fail Low	Fail High	%Fail High	Fail	%Fail	Pass	%Pass
0	0	0	0	0	0	32	100

InstrumentAccuracy

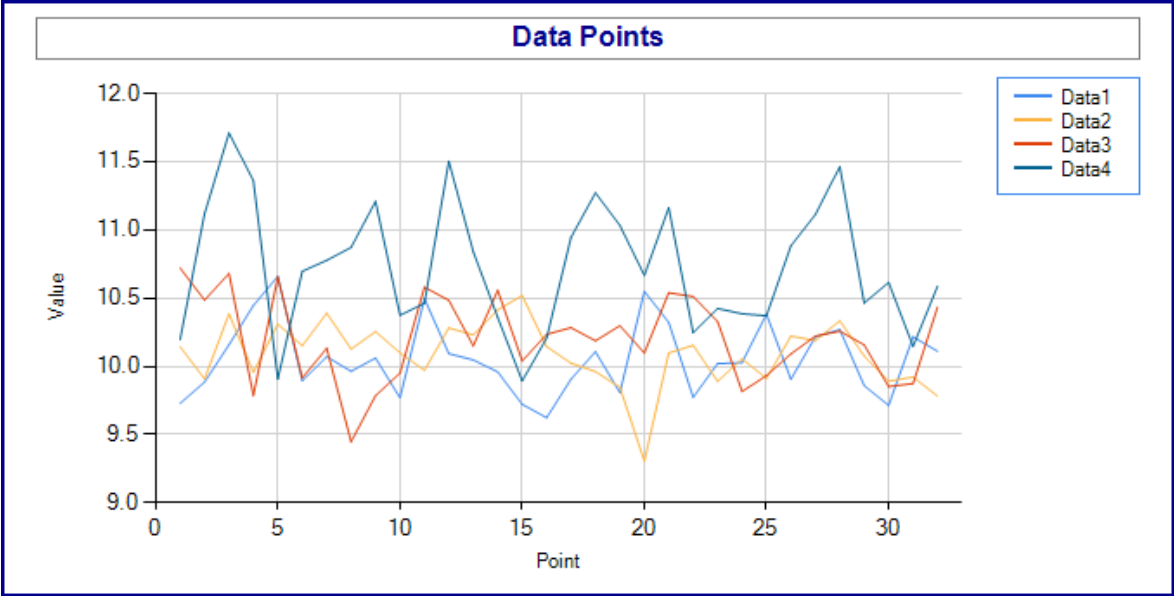


Settings			
Min%	Min Value	Max Value	Units
10	1	10	DCV

Instrument Table			
Instrument	PctReading	Offset	Range
DMM1	1	0.05	10
DMM2	0.5	0.02	10
DMM3	1.5	0.01	10

Accuracy Table			
Value	DMM1	DMM2	DMM3
1	6	2.5	2.5
1.47	4.39	1.86	2.18
1.95	3.57	1.53	2.01
2.42	3.07	1.33	1.91
2.9	2.73	1.19	1.85
3.37	2.48	1.09	1.8
3.84	2.3	1.02	1.76
4.32	2.16	0.96	1.73
4.79	2.04	0.92	1.71
5.26	1.95	0.88	1.69
5.74	1.87	0.85	1.67
6.21	1.81	0.82	1.66
6.68	1.75	0.8	1.65
7.16	1.7	0.78	1.64
7.63	1.66	0.76	1.63
8.11	1.62	0.75	1.62
8.58	1.58	0.73	1.62
9.05	1.55	0.72	1.61
9.53	1.52	0.71	1.6
10	1.5	0.7	1.6

MeasurementUncertainty

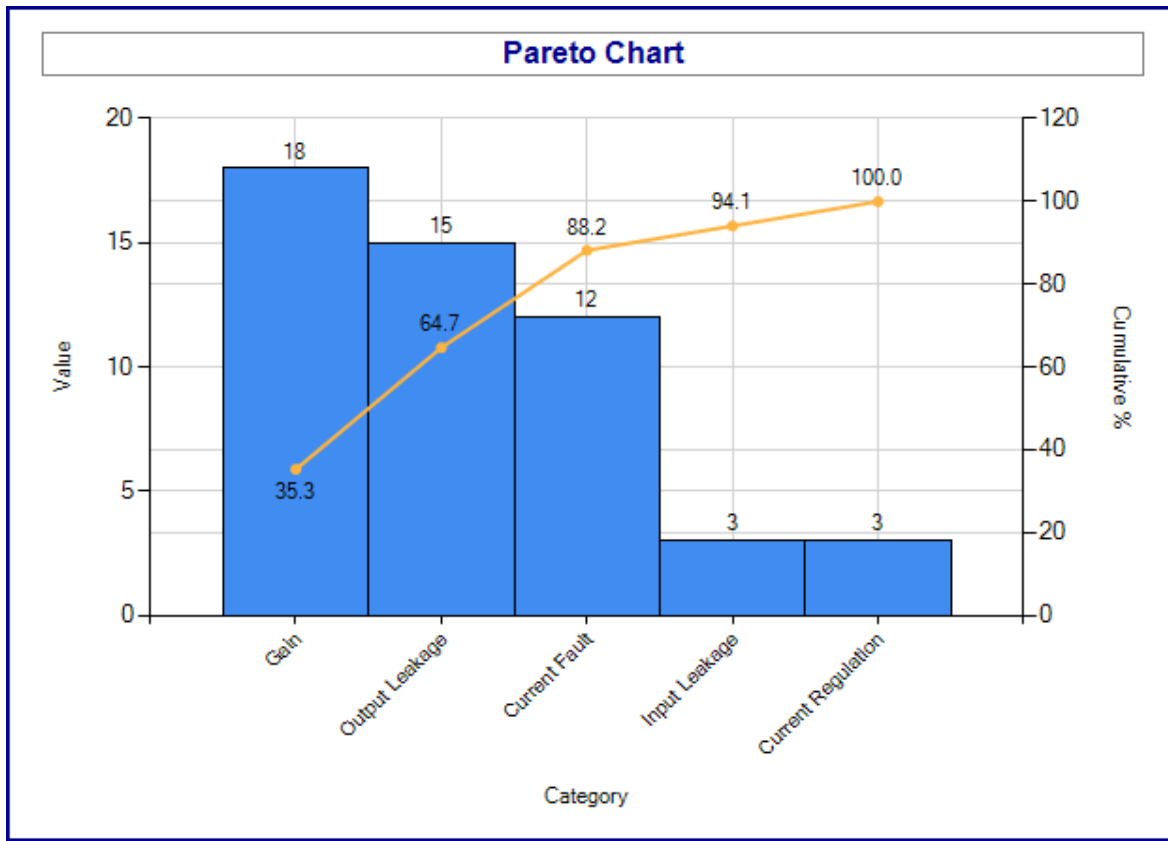


Settings	
Name	Value
Instrument	DMM1
Units	Volts
Gage Resolution	0.01
Standard Resolution	0.001
Standard Expanded Uncertainty	0.2
Standard Coverage	2
Gage Coverage	2
OtherTypeB	0.33

TypeB Uncertainties	
Name	Value
Gage Resolution Uncertainty	0
Standard Resolution Uncertainty	0.03
Standard Combined Uncertainty	0.1
OtherTypeB	0.33

Study Results	
Name	Value
Samples	32
Trials	4
Repeatability	0.75
Reproducibility	0.31
Type A Uncertainty	0.81
Type B Uncertainty	0.35
Combined Uncertainty	0.35
Gage Coverage	2
Expanded Uncertainty	0.69

ParetoChart



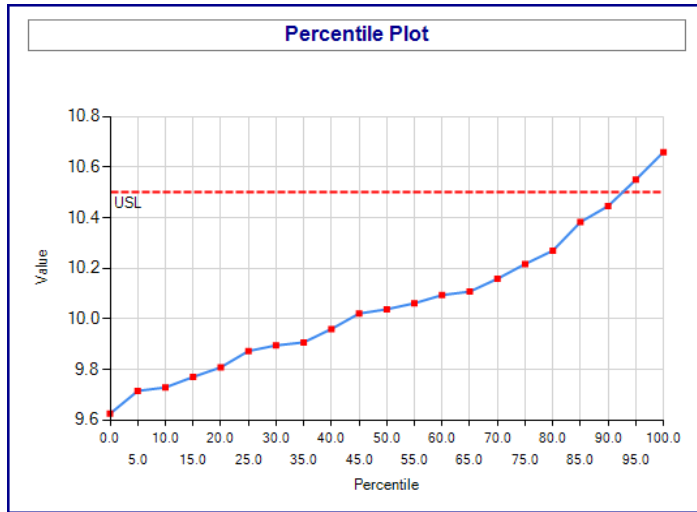
Column Names	
Category	Value
Category	C1

Pareto Table		
Category	Value	Cum%
Gain	18	35.3
Output Leakage	15	64.7
Current Fault	12	88.2
Input Leakage	3	94.1
Current Regulation	3	100
Total	51	

Residual Table	
Category	Value
Over Voltage	2
Voltage Regulation	2
Total	4

Percentile

Percentile Table	
Pct	Value
0	9.624632
5	9.714698
10	9.728532
15	9.769948
20	9.808136
25	9.872471
30	9.894859
35	9.906851
40	9.959822
45	10.020906
50	10.037674
55	10.061479
60	10.093912
65	10.107675
70	10.158413
75	10.216765
80	10.269567
85	10.382769
90	10.446141
95	10.549986
100	10.659606

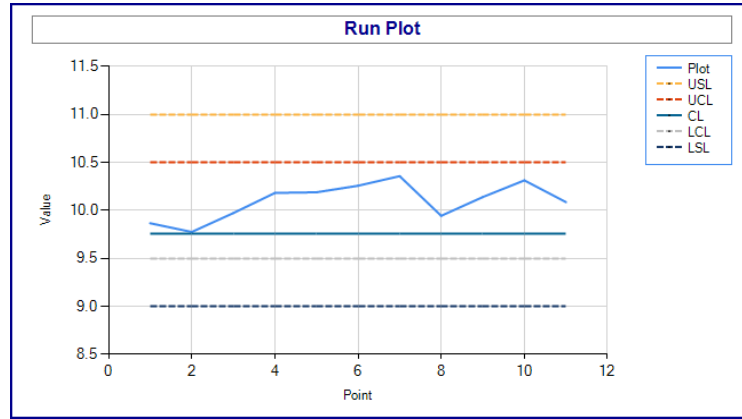


Limit Percents					
LSL	USL	%Below	%Above	%Fail	%Pass
9.5	11	0	6.25	6.25	93.75

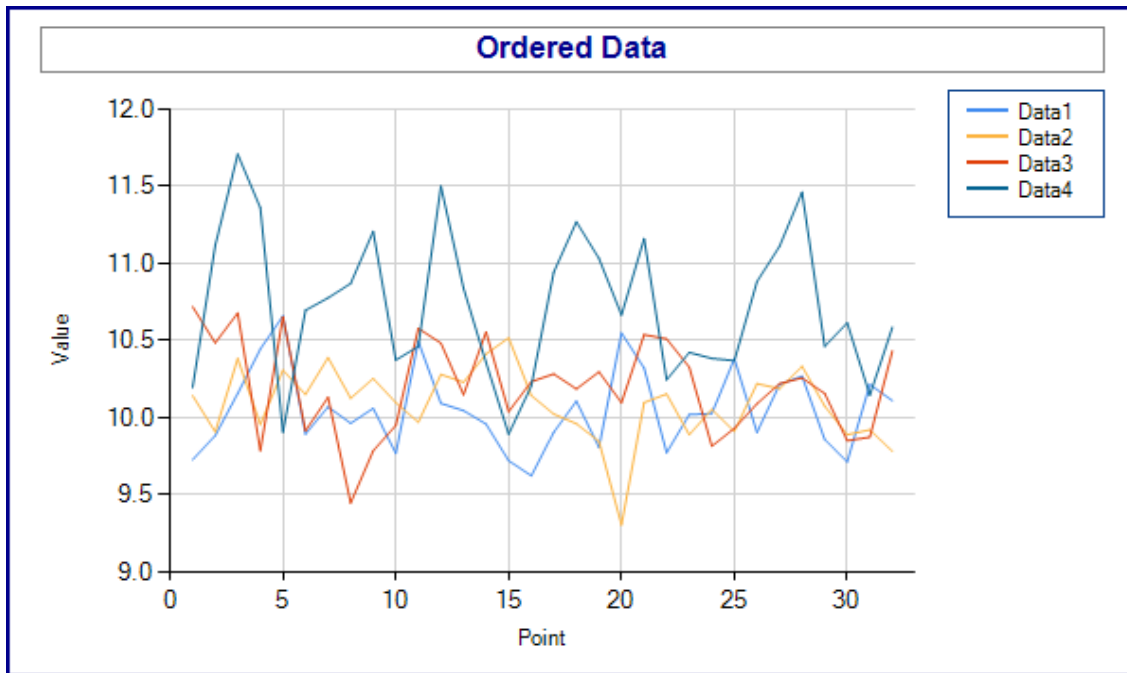
RunPlot

Summary															
Name	N	LSL	LCL	CL	UCL	USL	CL FL	SL FL	Slope	Intercept	R	RSQ	T	PVAL	Trend
Normal	11	9	9.5	9.8	11	11	0	0	0.03	9.91	0.55	0.31	1.48	0	None

Run Data			
Point	Name	Value	Event
1	0H	9.866	
2	1000H	9.775	
3	2000H	9.972	
4	3000H	10.182	
5	4000H	10.189	
6	5000H	10.257	
7	6000H	10.357	
8	7000H	9.943	
9	8000H	10.139	
10	9000H	10.313	
11	1000H	10.086	



SignificanceTest



Reference Settings						
Name	Mean	StdDev	N	DegFreedom	ConfLevel	SigLevel
Data1	10.055592	0.26332	32	62	95	0.05

Test Results					
Name	Mean	StdDev	t-Value	p-Value	SigDiff?
Data2	10.092344	0.23362	0.59	0.56	No
Data3	10.202877	0.31095	2.04	0.05	Yes
Data4	10.726721	0.47453	7	0	Yes