Analytics Integration Test - No Spec Limits

Test report with trend lines but no SPC charts

Report Period: 1/1/2024, 11:00:00 AM - 1/1/2024, 12:00:00 PM

Generated:	1/22/2026, 6:43:50 PM	**Data Points:**	60
Tags:	LEVEL_01	**Format:**	PDF

Executive Summary

This report analyzes 1 tag(s) over the specified time period, containing a total of 60 data points. The analysis includes statistical summaries, trend analysis, and data quality metrics.

Key Findings:
• LEVEL_01: Average 117.77, Range 105.07 - 134.02, Data Quality 100.0%

Tag: LEVEL_01

Data Points: 60
Time Range: 1/1/2024, 11:00:00 AM - 1/1/2024, 11:59:00 AM
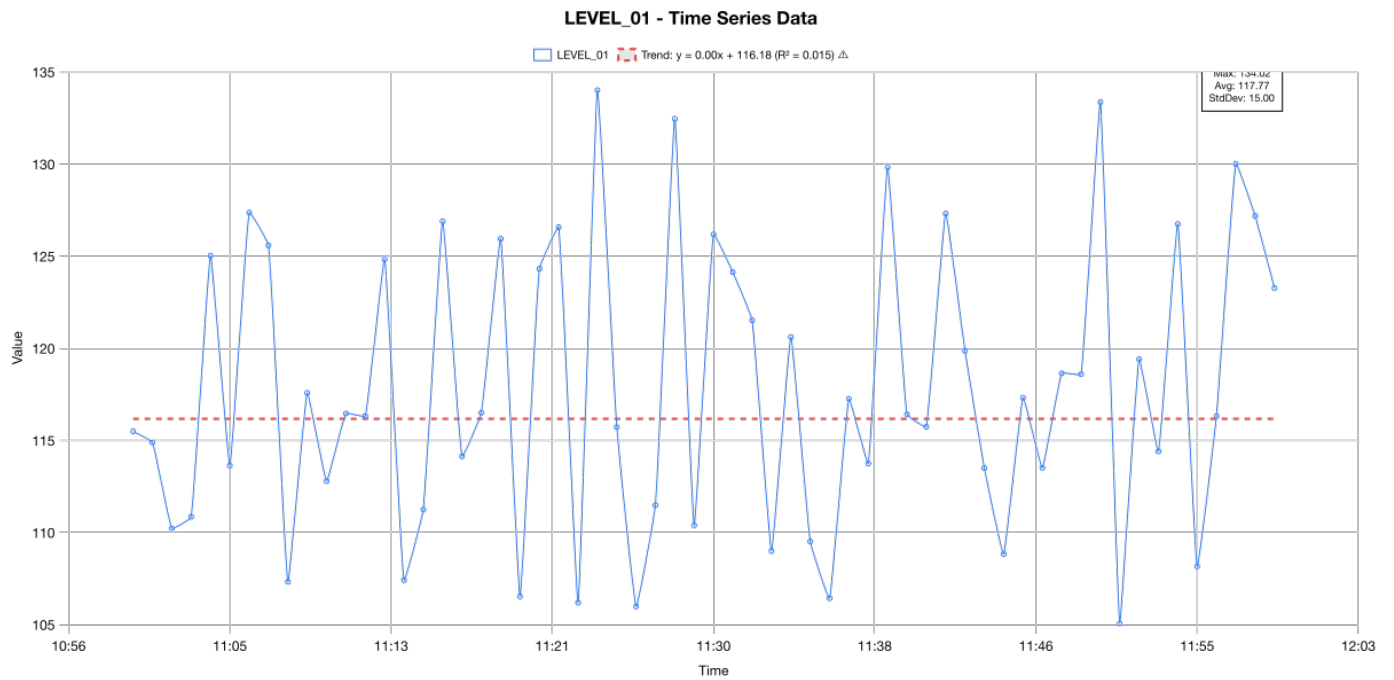
Statistical Summary:
Minimum: 105.07
Maximum: 134.02
Average: 117.77
Standard Deviation: 15.00
Data Quality: 100.0%

Data Quality Breakdown:
Good Quality: 60 (100.0%)
Bad Quality: 0 (0.0%)
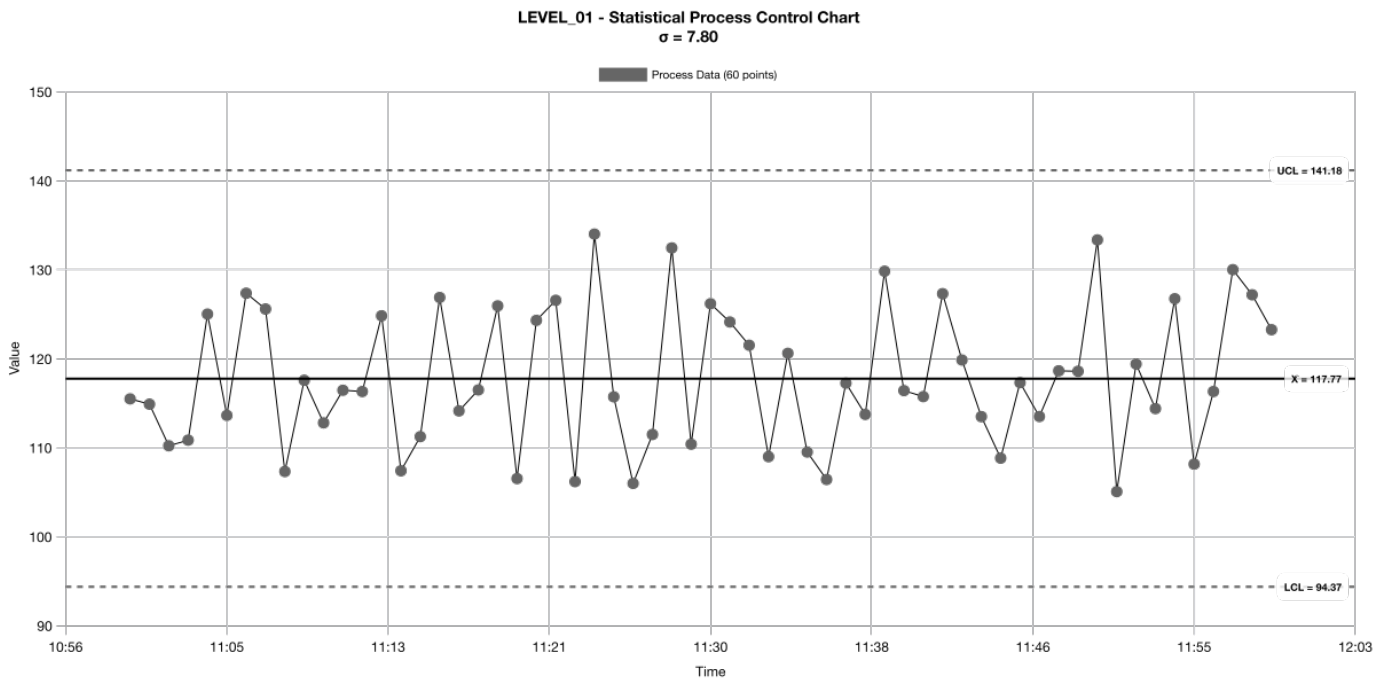Uncertain Quality: 0 (0.0%)

Data Visualizations

LEVEL_01 - Data Trend

LEVEL_01 - Time Series Data

Statistical Process Control Analysis

Data Visualizations

LEVEL_01 - SPC Chart

LEVEL_01 - Statistical Process Control Chart
σ = 7.80

SPC Metrics Summary

Tag Name	Mean	StdDev	LSL	USL	Cp	Cpk	Capability
LEVEL_01	117.77	7.80	N/A	N/A	N/A	N/A	N/A

Data Table: LEVEL_01

Timestamp	Value	Quality Code	Status
1/1/2024, 11:00:00 AM	115.49	192	Good
1/1/2024, 11:01:00 AM	114.90	192	Good
1/1/2024, 11:02:00 AM	110.22	192	Good
1/1/2024, 11:03:00 AM	110.86	192	Good
1/1/2024, 11:04:00 AM	125.03	192	Good
1/1/2024, 11:05:00 AM	113.64	192	Good
1/1/2024, 11:06:00 AM	127.37	192	Good
1/1/2024, 11:07:00 AM	125.59	192	Good
1/1/2024, 11:08:00 AM	107.33	192	Good
1/1/2024, 11:09:00 AM	117.58	192	Good
1/1/2024, 11:10:00 AM	112.80	192	Good
1/1/2024, 11:11:00 AM	116.47	192	Good
1/1/2024, 11:12:00 AM	116.32	192	Good
1/1/2024, 11:13:00 AM	124.83	192	Good
1/1/2024, 11:14:00 AM	107.42	192	Good
1/1/2024, 11:15:00 AM	111.25	192	Good
1/1/2024, 11:16:00 AM	126.89	192	Good
1/1/2024, 11:17:00 AM	114.14	192	Good
1/1/2024, 11:18:00 AM	116.50	192	Good
1/1/2024, 11:19:00 AM	125.95	192	Good
1/1/2024, 11:20:00 AM	106.54	192	Good
1/1/2024, 11:21:00 AM	124.32	192	Good
1/1/2024, 11:22:00 AM	126.58	192	Good
1/1/2024, 11:23:00 AM	106.20	192	Good
1/1/2024, 11:24:00 AM	134.02	192	Good
1/1/2024, 11:25:00 AM	115.72	192	Good
1/1/2024, 11:26:00 AM	105.99	192	Good
1/1/2024, 11:27:00 AM	111.49	192	Good
1/1/2024, 11:28:00 AM	132.46	192	Good
1/1/2024, 11:29:00 AM	110.40	192	Good
1/1/2024, 11:30:00 AM	126.19	192	Good
1/1/2024, 11:31:00 AM	124.14	192	Good
1/1/2024, 11:32:00 AM	121.52	192	Good

1/1/2024, 11:33:00 AM	109.00	192	Good
1/1/2024, 11:34:00 AM	120.62	192	Good
1/1/2024, 11:35:00 AM	109.52	192	Good
1/1/2024, 11:36:00 AM	106.44	192	Good
1/1/2024, 11:37:00 AM	117.26	192	Good
1/1/2024, 11:38:00 AM	113.75	192	Good
1/1/2024, 11:39:00 AM	129.84	192	Good
1/1/2024, 11:40:00 AM	116.42	192	Good
1/1/2024, 11:41:00 AM	115.75	192	Good
1/1/2024, 11:42:00 AM	127.32	192	Good
1/1/2024, 11:43:00 AM	119.86	192	Good
1/1/2024, 11:44:00 AM	113.50	192	Good
1/1/2024, 11:45:00 AM	108.83	192	Good
1/1/2024, 11:46:00 AM	117.32	192	Good
1/1/2024, 11:47:00 AM	113.52	192	Good
1/1/2024, 11:48:00 AM	118.65	192	Good
1/1/2024, 11:49:00 AM	118.60	192	Good
1/1/2024, 11:50:00 AM	133.36	192	Good
1/1/2024, 11:51:00 AM	105.07	192	Good
1/1/2024, 11:52:00 AM	119.41	192	Good
1/1/2024, 11:53:00 AM	114.41	192	Good
1/1/2024, 11:54:00 AM	126.75	192	Good
1/1/2024, 11:55:00 AM	108.17	192	Good
1/1/2024, 11:56:00 AM	116.33	192	Good
1/1/2024, 11:57:00 AM	130.02	192	Good
1/1/2024, 11:58:00 AM	127.19	192	Good
1/1/2024, 11:59:00 AM	123.27	192	Good

Statistical Summary

Tag	Min	Max	Average	Std Dev	Quality %
LEVEL_01	105.07	134.02	117.77	15.00	100.0%