Kagome

Historian Reports

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:	1/28/2026, 11:13:55 AM	**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 120.17, Range 105.54 - 134.86, Data Quality 100.0%

Tag: LEVEL_01

Data Points: 60
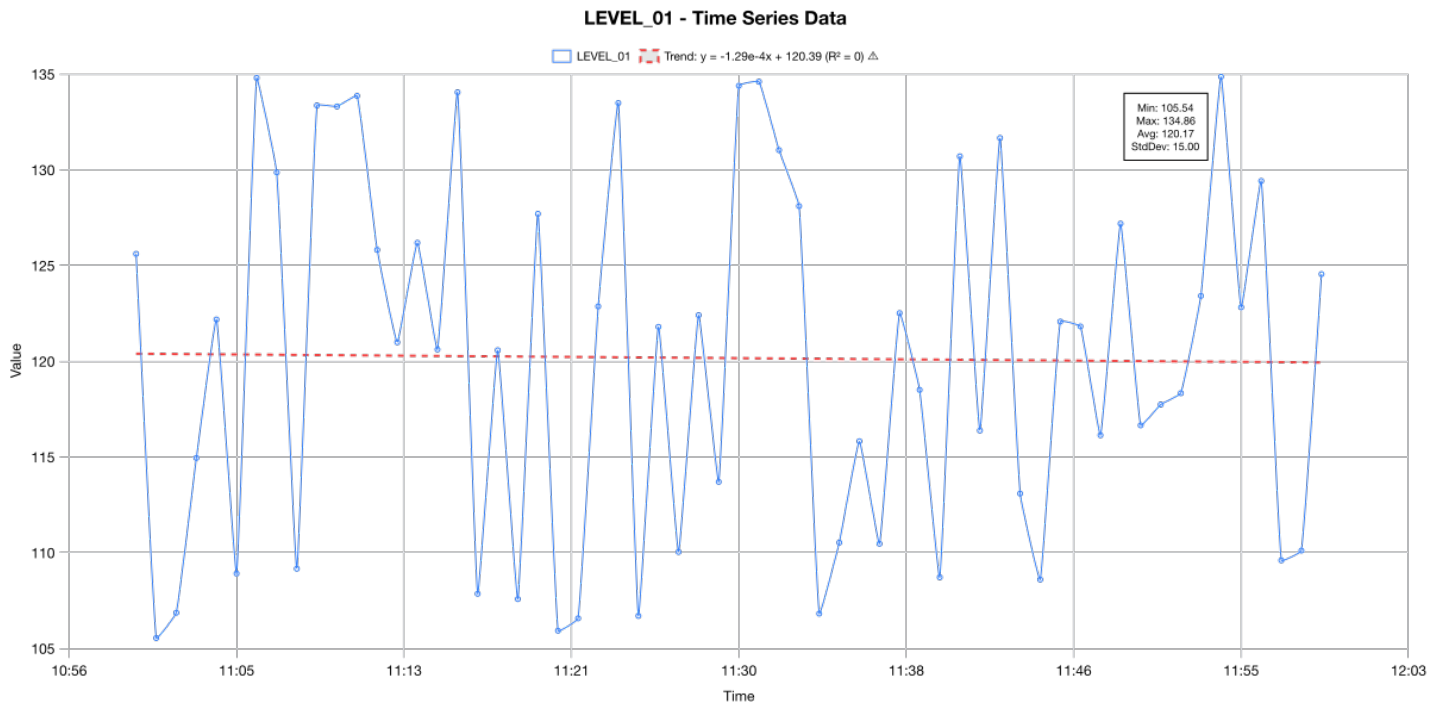Time Range: 1/1/2024, 11:00:00 AM - 1/1/2024, 11:59:00 AM

Statistical Summary:
Minimum: 105.54
Maximum: 134.86
Average: 120.17
Standard Deviation: 15.00
Data Quality: 100.0%

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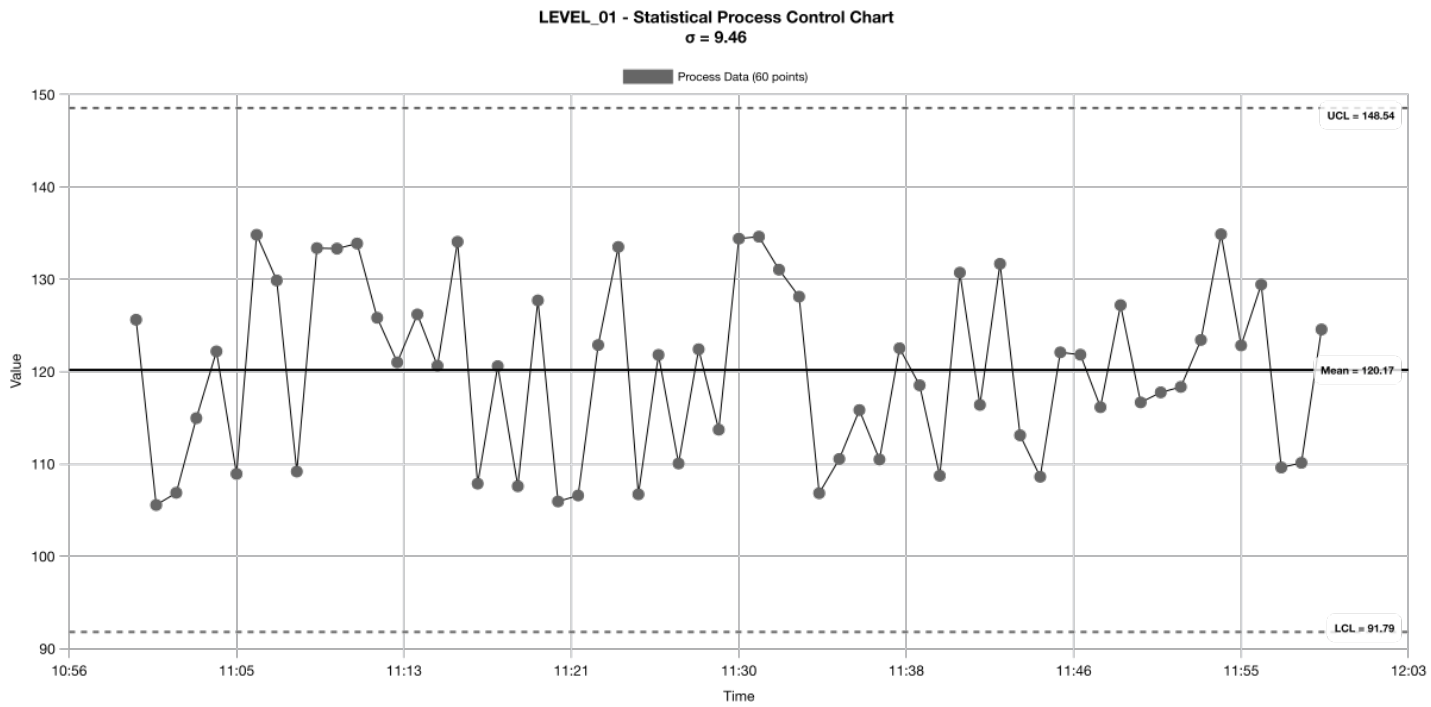Uncertain Quality: 0 (0.0%)

Data Visualizations

LEVEL_01 - Data Trend

LEVEL_01 - Time Series Data

LEVEL_01   Trend: y = -1.29e-4x + 120.39 (R² = 0) ⚠

Min: 105.54
Max: 134.86
Avg: 120.17
StdDev: 15.00

Statistical Process Control Analysis

Data Visualizations

LEVEL_01 - SPC Chart

LEVEL_01 - Statistical Process Control Chart
$\sigma = 9.46$

SPC Metrics Summary

Tag Name	Average	Std Dev	LCL	UCL	LSL	USL	Cp	Cpk	Stat
LEVEL_01	120.17	9.46	91.79	148.54	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	125.61	192	Good
1/1/2024, 11:01:00 AM	105.54	192	Good
1/1/2024, 11:02:00 AM	106.87	192	Good
1/1/2024, 11:03:00 AM	114.95	192	Good
1/1/2024, 11:04:00 AM	122.18	192	Good
1/1/2024, 11:05:00 AM	108.91	192	Good
1/1/2024, 11:06:00 AM	134.80	192	Good
1/1/2024, 11:07:00 AM	129.86	192	Good
1/1/2024, 11:08:00 AM	109.16	192	Good
1/1/2024, 11:09:00 AM	133.36	192	Good
1/1/2024, 11:10:00 AM	133.31	192	Good
1/1/2024, 11:11:00 AM	133.86	192	Good
1/1/2024, 11:12:00 AM	125.82	192	Good
1/1/2024, 11:13:00 AM	120.99	192	Good
1/1/2024, 11:14:00 AM	126.18	192	Good
1/1/2024, 11:15:00 AM	120.62	192	Good
1/1/2024, 11:16:00 AM	134.05	192	Good
1/1/2024, 11:17:00 AM	107.86	192	Good
1/1/2024, 11:18:00 AM	120.58	192	Good
1/1/2024, 11:19:00 AM	107.58	192	Good
1/1/2024, 11:20:00 AM	127.70	192	Good
1/1/2024, 11:21:00 AM	105.93	192	Good
1/1/2024, 11:22:00 AM	106.57	192	Good
1/1/2024, 11:23:00 AM	122.87	192	Good
1/1/2024, 11:24:00 AM	133.49	192	Good
1/1/2024, 11:25:00 AM	106.70	192	Good
1/1/2024, 11:26:00 AM	121.80	192	Good
1/1/2024, 11:27:00 AM	110.04	192	Good
1/1/2024, 11:28:00 AM	122.41	192	Good
1/1/2024, 11:29:00 AM	113.70	192	Good
1/1/2024, 11:30:00 AM	134.39	192	Good

1/1/2024, 11:31:00 AM	134.60	192	Good
1/1/2024, 11:32:00 AM	131.03	192	Good
1/1/2024, 11:33:00 AM	128.10	192	Good
1/1/2024, 11:34:00 AM	106.82	192	Good
1/1/2024, 11:35:00 AM	110.53	192	Good
1/1/2024, 11:36:00 AM	115.82	192	Good
1/1/2024, 11:37:00 AM	110.47	192	Good
1/1/2024, 11:38:00 AM	122.51	192	Good
1/1/2024, 11:39:00 AM	118.50	192	Good
1/1/2024, 11:40:00 AM	108.72	192	Good
1/1/2024, 11:41:00 AM	130.70	192	Good
1/1/2024, 11:42:00 AM	116.38	192	Good
1/1/2024, 11:43:00 AM	131.66	192	Good
1/1/2024, 11:44:00 AM	113.09	192	Good
1/1/2024, 11:45:00 AM	108.60	192	Good
1/1/2024, 11:46:00 AM	122.07	192	Good
1/1/2024, 11:47:00 AM	121.82	192	Good
1/1/2024, 11:48:00 AM	116.14	192	Good
1/1/2024, 11:49:00 AM	127.19	192	Good
1/1/2024, 11:50:00 AM	116.65	192	Good
1/1/2024, 11:51:00 AM	117.74	192	Good
1/1/2024, 11:52:00 AM	118.33	192	Good
1/1/2024, 11:53:00 AM	123.41	192	Good
1/1/2024, 11:54:00 AM	134.86	192	Good
1/1/2024, 11:55:00 AM	122.82	192	Good
1/1/2024, 11:56:00 AM	129.42	192	Good
1/1/2024, 11:57:00 AM	109.60	192	Good
1/1/2024, 11:58:00 AM	110.11	192	Good
1/1/2024, 11:59:00 AM	124.55	192	Good

Statistical Summary

Tag	Min	Max	Average	Std Dev	Quality %
LEVEL_01	105.54	134.86	120.17	15.00	100.0%