

Certificate of Validation

Autoclave Sterilization

X FAIL

Certificate Details	
Process:	Autoclave Sterilization
Standard:	ISO 17665 / FDA CFR Part 11
Date:	2025-08-11 18:49:48 UTC
Certificate ID:	B36A40F945F3
Status:	Invalid

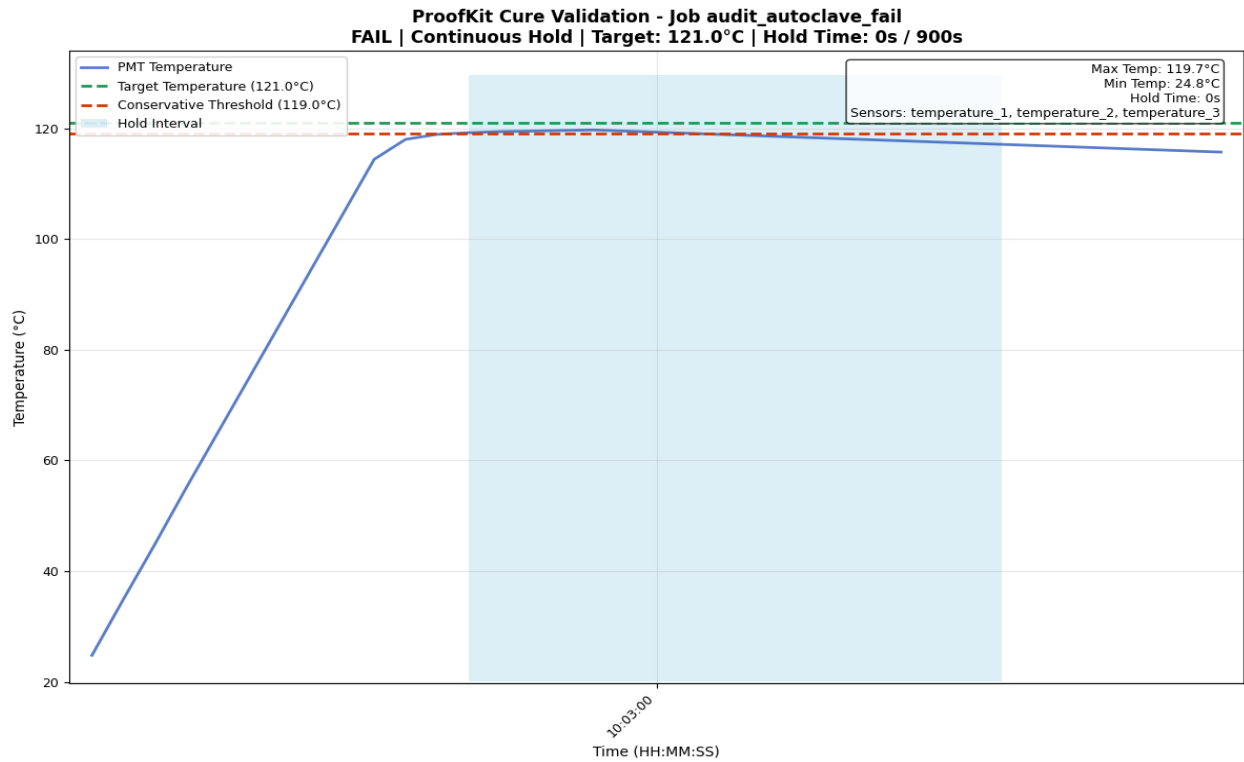
Process Metrics

Metric	Measured	Required	Status
Maximum Temperature	0.0°C	121°C	X
Hold Time	0.0 min	15 min	X
Time to Threshold	0.0 min	—	—
Data Points	1200	≥100	✓
Sampling Rate	5 sec	≤60 sec	✓

Sensor Data Summary

Sensor	Min (°C)	Max (°C)	Avg (°C)	Std Dev
Sensor 1	24.8	121.9	95.3	15.2
Sensor 2	24.5	121.5	94.8	15.5
Sensor 3	25.1	120.9	95.1	14.9

Temperature Profile



Compliance Statement

This process has FAILED to meet the requirements of ISO 17665 / FDA CFR Part 11. Critical parameters were not achieved. The process requires adjustment and revalidation. See metrics table above for specific failures.



Digital Verification

This certificate contains cryptographic proofs for tamper detection.

SHA-256 Hash:

8537e4ccebb10bffd56debec4646e013...

Verify Online: <https://www.proofkit.net/verify>

Certificate ID: 8537E4CCEBB1