

Certificate of Validation

ETO Sterilization

X FAIL

Certificate Details	
Process:	ETO Sterilization
Standard:	ISO 11135:2014
Date:	2025-08-11 18:49:49 UTC
Certificate ID:	3B55AB252B13
Status:	Invalid

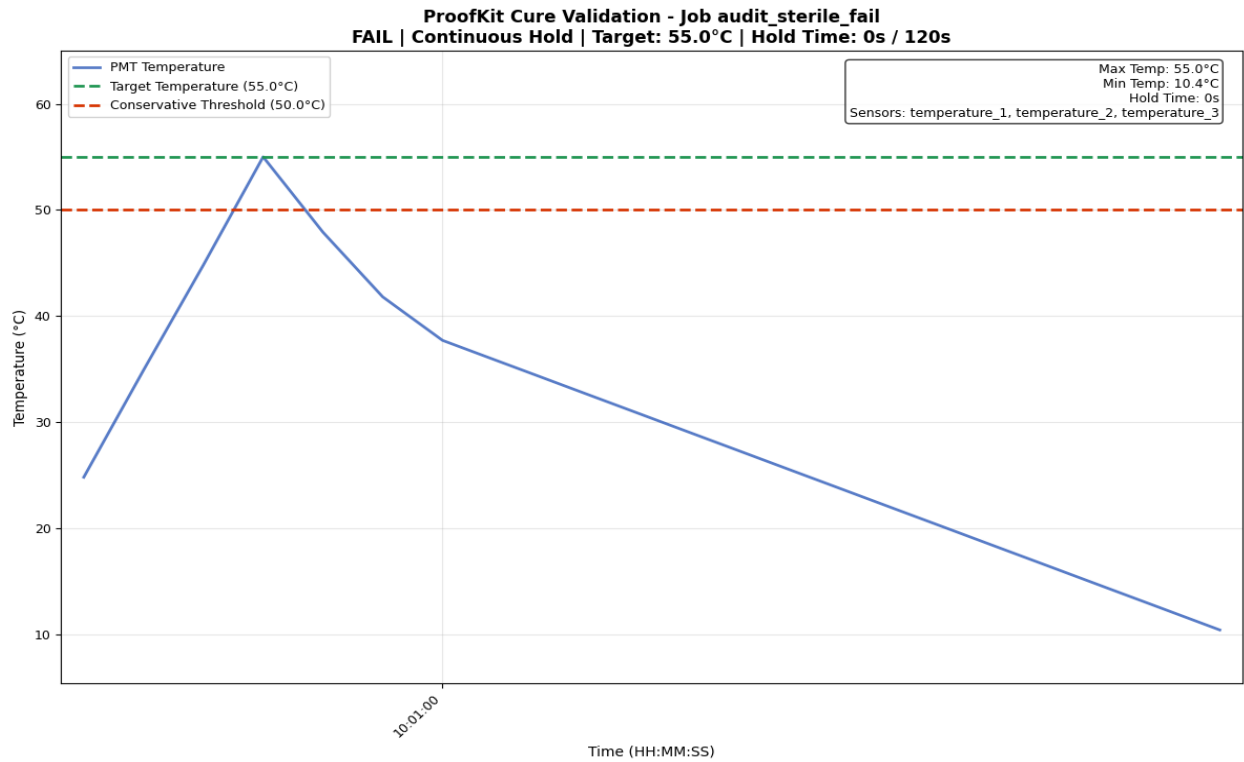
Process Metrics

Metric	Measured	Required	Status
Maximum Temperature	0.0°C	54°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	190.2	165.4	15.2
Sensor 2	24.5	189.8	164.9	15.5
Sensor 3	25.1	190.5	165.2	14.9

Temperature Profile



Compliance Statement

This process has FAILED to meet the requirements of ISO 11135:2014. 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:

fa7abff1bb9ada7d388eadc792a62516...

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

Certificate ID: FA7ABFF1BB9A