ProofWipe

CERTIFICATE OF MEDIA SANITIZATION

SANITIZATION VERIFIED

MEDIA DETAILS

Device path	\\.\PhysicalDrive7
Model	Example NVMe SSD (sample device)
Serial number	SAMPLE00000001
Device ID (EUI-64 / WWN, as reported by Windows)	SAMPLE-0000-0001
Firmware revision	(not reported)
Capacity	8.4 MB (8,388,608 bytes)
Bus type	Nvme
Media type	SSD (flash) - Confirmed
Partition layout	Unknown
Volumes (pre-wipe)	None mounted
Encrypted volumes detected (pre-wipe)	None detected
Hidden areas (HPA/DCO)	Not applicable (no HPA/DCO on this bus)
Logical sector size	512 bytes

SANITIZATION PROCESS

Method	NVMe Firmware Purge (Sanitize / Format)
Compliance standard	NIST SP 800-88 Rev. 1 - Purge
Sanitization category	PURGE (NIST SP 800-88 Rev. 1) - firmware sanitize
Standards reference	NIST SP 800-88 Rev. 1 - Purge (firmware sanitize, NVMe Sanitize / Format NVM). Consistent with CSE ITSP.40.006. Purge addresses reallocated and over-provisioned areas that overwriting (Clear) cannot reach.
Firmware command	NVMe Sanitize block erase: physical erase, reads zero, covers the whole medium including over-provisioned/spare (NIST 800-88 Purge)
Started	2026-07-20 15:53:37 UTC (2026-07-20 08:53:37 -07:00 local)
Completed	2026-07-20 15:53:37 UTC (2026-07-20 08:53:37 -07:00 local)
Duration	00:00:00
Operator	Sample Operator
Arming method	Serial number verified by operator
Media advisory	This device is solid-state media. Overwriting achieves NIST SP 800-88 Rev. 1 CLEAR, not PURGE: wear-leveled and overprovisioned areas of flash media are not addressed by overwrites. For PURGE, use firmware-level sanitization (ATA SECURE ERASE / NVMe Sanitize).

VERIFICATION

Final readable state	CONFIRMED 0x00 (zeros): read-back at 100% (full read-back) sampled 8 of 8 region(s) - the first and last always included - and found only

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	zero bytes.
Excluded from the state above (bad sectors)	None - every readable sampled region is covered by the state above.
Method	Advisory spot check - post-sanitize read-back sampling (evidence of sanitization; NOT the verification)
Finding	All 16 spot-check regions read as constant 0x00, consistent with a block erase.
Spot-check regions	16
Unreadable regions	0
Note	For a firmware Purge no known pattern is written, so this spot check records evidence of sanitization rather than a byte-for-byte pattern comparison. The authoritative result is the 'Final readable state' row, produced by the full verification read-back - its region count comes from that separate, larger sampling.

EXCEPTIONS

Skipped bad sectors	None

CERTIFICATE INTEGRITY

Certificate ID	89D0B2B9-11BA-4B85-B60B-0CD115A45734
Tool	ProofWipe 1.5.0 (sha:20be8ca · built 2026-07-20 15:52:01Z)
Session log entries	15
Log SHA-256 (tamper evidence)	cd51995f1e89ab9193a931a46e0b496874c009366306b2c25c022124c25dd84e
Note	The SHA-256 digest covers the complete session log in canonical form. Recompute it over the retained log to detect tampering.

Operator signature

Date