EU AI Act

Compliance assessment — 2024/1689

Server: LaTeX MathML

Slug: latex-mathml
Scan id: 00000000-0000-0000-0000-000000000000

Assessed at: 2026-05-24 07:11:39 UTC
Sentinel version: 0.4.0
Rules version: 2026-04-23

' Compliant

DRAFT for review — not legal advice. See attestation block for verification instructions.

Table of contents

1. Executive summary

Assessment of LaTeX MathML against EU AI Act: overall status compliant. Of 5 controls, 5 met, 0 unmet, 0 partial, 0 not applicable. 5 control(s) fell within MCP Sentinel's current assessor coverage; remaining control(s) are documented as not_applicable until Phase 6 expands coverage. No findings were observed on the covered control surface. All claims are traceable to individual finding rows via finding_id and to the governing rule via rule_id; the enclosing signed envelope commits MCP Sentinel to the exact bytes of this report.

2. Coverage & transparency

Coverage band: minimal

Coverage ratio: 0%

Rules version: 2026-04-23

Analysis techniques applied:

- ast-taint
- capability-graph
- entropy
- linguistic-scoring
- schema-inference

3. Controls summary

ControlName	Status	Evidence
Art.9Risk Management System'	Met	0
Art.12Record-Keeping'	Met	0
Art.13 Transparency & Provision of		

Information to Deployers' Met 0
Art.14Human Oversight' Met 0
Art.15 Accuracy, Robustness, and Cybersecurity' Met0

4. Control details

Art.9 — Risk Management System
' Met
22 assessor rule(s) evaluated this control; no findings observed.

Art.12 — Record-Keeping
' Met
5 assessor rule(s) evaluated this control; no findings observed.

Art.13 — Transparency & Provision of Information to Deployers
' Met
14 assessor rule(s) evaluated this control; no findings observed.

Art.14 — Human Oversight
' Met
13 assessor rule(s) evaluated this control; no findings observed.

Art.15 — Accuracy, Robustness, and Cybersecurity
' Met
111 assessor rule(s) evaluated this control; no findings observed.

5. Multi-step attack chains

No multi-step attack chains were synthesized for this server.

6. Cryptographic attestation

Algorithm: `HMAC-SHA256`
Key ID: `mcp-sentinel-dev`
Signer: `mcp-sentinel/v1`
Signed at: `2026-05-24T11:16:33.308Z`
Canonicalization: `RFC8785`

HMAC-SHA256 signature (base64, wrapped at 64 chars):

```
eOXDyxc1YhTqA9Sj3Fwa0jOaolZwnZMUYIp9leQiH8o=
```

Verification instructions:

```
To verify this report:
```

1. Extract the report body (everything except the .attestation field).
2. Canonicalize the body via RFC 8785 (JCS).
3. Compute HMAC-SHA256 with the signing key for key_id "mcp-sentinel-dev".
4. Base64-encode the result and compare with the signature above.