



PRODUCT

Release Notes

Platform release notes - Last updated: July 24, 2026

These are customer-facing release notes for the MolWard platform: what is available and what changed, in plain terms. They are a subset of our internal change log and deliberately omit internal architecture and implementation detail.

About these notes

MolWard follows semantic versioning (MAJOR.MINOR.PATCH). We publish notes for customer-visible changes - new tools, new capabilities, and meaningful improvements. Every scientific method is anchored to a published standard; see the Scientific Methodology paper.

Version 1.0.1 - current (Released July 2026, Beta)

Reliability, consistency, and traceability improvements across the platform:

- Unified, always-warm platform - every tool now runs on a single consolidated service, so your first calculation is instant, with no cold-start delay.
- QC Calculators and Column Selectivity now compute on the validated MolWard backend - a single authoritative source for the science, consistent with every report the platform generates.
- Report versioning - every downloadable report now shows the platform version it was generated with, for audit traceability.
- Security and reliability hardening - consolidated access controls and error handling across all tools.

Version 1.0.0 (Released July 2026, Beta)

The MolWard platform now offers a unified suite of transparent, in silico tools spanning discovery, CMC, and regulatory workflows:

- Analytical development & QbD - ICH Q1E stability / shelf-life, ICH Q3 impurity limits, dissolution equivalence (f2), chromatogram prediction, column selectivity (HSM/Fs across 800+ columns), a QbD DoE / design-space engine, and QC calculators (USP/ICH).
- ICH Q14 Method Development & Risk Assessment - an ATP-driven FMEA with in-silico sensitivity-informed risk scoring, factor classification, a robustness / MODR screen, and a guard-railed AI interpretation, with a 21 CFR Part 11-style report.
- Toxicology & safety limits - ICH M7 mutagenic-impurity assessment, HED/MRSD dose scaling, and PDE/ADE/OEL exposure limits.
- Degradation - forced-degradation profiling under ICH stress conditions.
- RegIntel - a citation-grounded regulatory assistant that answers questions from ICH guidelines, 21 CFR, FDA guidances, FDA warning letters, and FDA annual reports, and shows the exact source

passage for every answer.

Platform-wide: zero-retention processing of your inputs, SHA-256 report integrity, and guard-railed AI throughout (numeric- and citation-checked, always labelled draft for expert review).

Earlier in Beta

Prior Beta iterations introduced the individual analytical, stability, toxicology, and CMC engines that are now unified in Version 1.0. Detailed per-tool history is available on request.