

## News Release

Your Contact

**Media Relations**

[gangolf.schrimpf@emdgroup.com](mailto:gangolf.schrimpf@emdgroup.com)

Phone: +49 151 1454-9591

December 16, 2025

### **Merck KGaA, Darmstadt, Germany, Launches ChemiSphere® App to Simplify Digital Data Access and Boost Lab Efficiency**

- **Connects physical products directly to digital workflows to reduce manual steps and boost efficiency**
- **Enables instant access to product documentation such as safety data sheets (SDS) and certificates of analysis (CoA)**
- **Built on the M-Trust™ platform for secure and traceable laboratory processes**

Darmstadt, Germany, December 16, 2025 – Merck KGaA, Darmstadt, Germany, a leading science and technology company, today announced the launch of the ChemiSphere® app, a digital tool that allows scientists to instantly access product documentation and quality information via 2D barcodes on the Life Science products offered by Merck KGaA, Darmstadt, Germany. The app is powered by the company's secure digital traceability platform M-Trust™ and is designed to make data retrieval faster and more reliable, helping labs reduce manual steps and improve data integrity.

"The ChemiSphere® app exemplifies how M-Trust™ technology transforms workflows into seamless digital experiences," said Thomas Endress, Head of M-Trust at Merck KGaA, Darmstadt, Germany. "This application example represents the future of scientific work, where physical products and digital data converge to make customers' lives easier by instantly connecting them to the information they need while ensuring trust in their products."



## News Release

The first commercial use case of the app was developed in partnership with Metrohm AG, Herisau, Switzerland. Together, the companies created a solution that transfers titration and Karl Fischer reagent data directly from reagent bottles to Metrohm's OMNIS titrator. This seamless process bridges a critical gap in digital data integrity, significantly enhancing the efficiency of titration workflows and preventing data transfer errors.

The launch of the ChemiSphere® app underscores how Merck KGaA, Darmstadt, Germany, is focusing on building smarter digital tools that simplify daily lab work and accelerate scientific progress.

"Chemists gain significant efficiency from even minor workflow enhancements and minimizing data transfer errors", said Rajeev Nair, Head of Chemistry for the Life Science business sector of Merck KGaA, Darmstadt, Germany. "By linking reagent data directly to instrument software and eliminating manual entry, the Chemisphere® app greatly reduces error risks and streamlines analytical workflows in the laboratory".

Additional app features include:

- Instant access to certificates of analysis and safety data sheets
- Product authentication via secure scan, with quality data linked to the physical item
- Integration with the M-Trust™ platform of Merck KGaA, Darmstadt, Germany, to support digital product passports and anti-counterfeiting measures

The app is built on the M-Trust™ platform of Merck KGaA, Darmstadt, Germany, launched in January 2025 to improve product safety, traceability and counterfeiting across diverse industries. M-Trust™ enables organizations to verify product quality and authenticity by securely linking physical products to their digital counterparts, adding trust and robust quality control to products and their Digital Product Passports (DPP).

## News Release

The ChemiSphere® app is available to customers on the [App Store](#) and [Google Play](#). Further information about the digital transfer of reagent data can be found [here](#). For more information about the M-Trust™ platform, visit [www.mtrust.io](http://www.mtrust.io).

### **About Merck KGaA, Darmstadt, Germany**

Merck KGaA, Darmstadt, Germany, a leading science and technology company, operates across life science, healthcare and electronics. More than 62,000 employees work to make a positive difference to millions of people's lives every day by creating more joyful and sustainable ways to live. From providing products and services that accelerate drug development and manufacturing as well as discovering unique ways to treat the most challenging diseases to enabling the intelligence of devices – the company is everywhere. In 2024, Merck KGaA, Darmstadt, Germany, generated sales of € 21.2 billion in 65 countries.

The company holds the global rights to the name and trademark "Merck" internationally. The only exceptions are the United States and Canada, where the business sectors of Merck KGaA, Darmstadt, Germany, operate as MilliporeSigma in life science, EMD Serono in healthcare and EMD Electronics in electronics. Since its founding in 1668, scientific exploration and responsible entrepreneurship have been key to the company's technological and scientific advances. To this day, the founding family remains the majority owner of the publicly listed company.

All Merck KGaA, Darmstadt, Germany, press releases are distributed by e-mail at the same time they become available on the EMD Group website. In case you are a resident of the USA or Canada, please go to [www.emdgroup.com/subscribe](http://www.emdgroup.com/subscribe) to register for your online, change your selection or discontinue this service.