



Sievers Eclipse*

7 Reasons Analysts Are Switching to Easier BET

*Trademark of Veolia; may be registered in one or more countries.

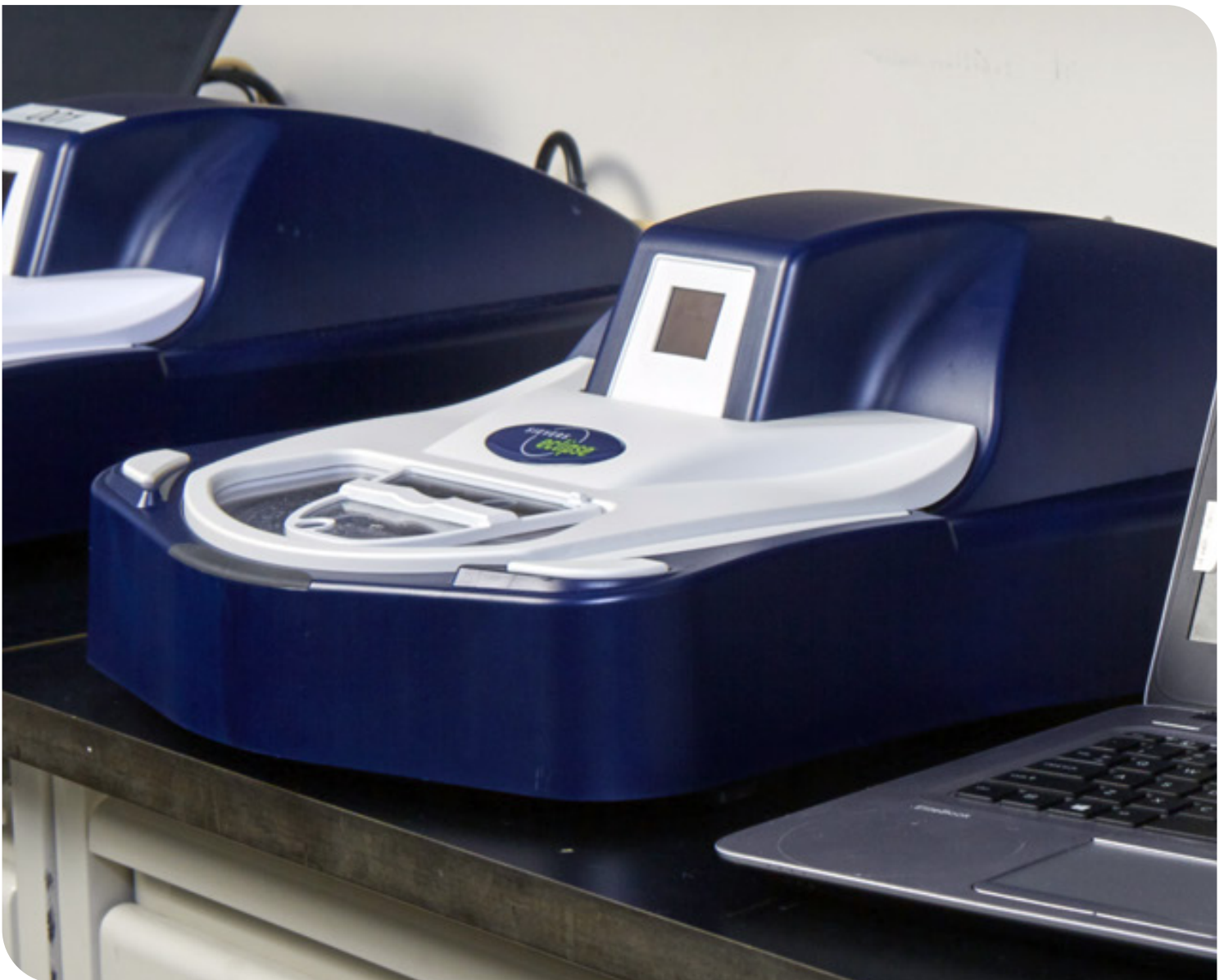


Sievers Eclipse

7 Reasons Analysts Are Switching

It's no secret that bacterial endotoxin testing (BET) is tedious, time consuming, and prone to human error. These challenges illustrate the need to transform the BET process and embrace automation. There is also opportunity to significantly decrease Limulus amoebocyte lysate (LAL) usage and the reliance on natural resources.

Here are 7 reasons analysts are embracing automated BET and making the switch to the Sievers Eclipse.



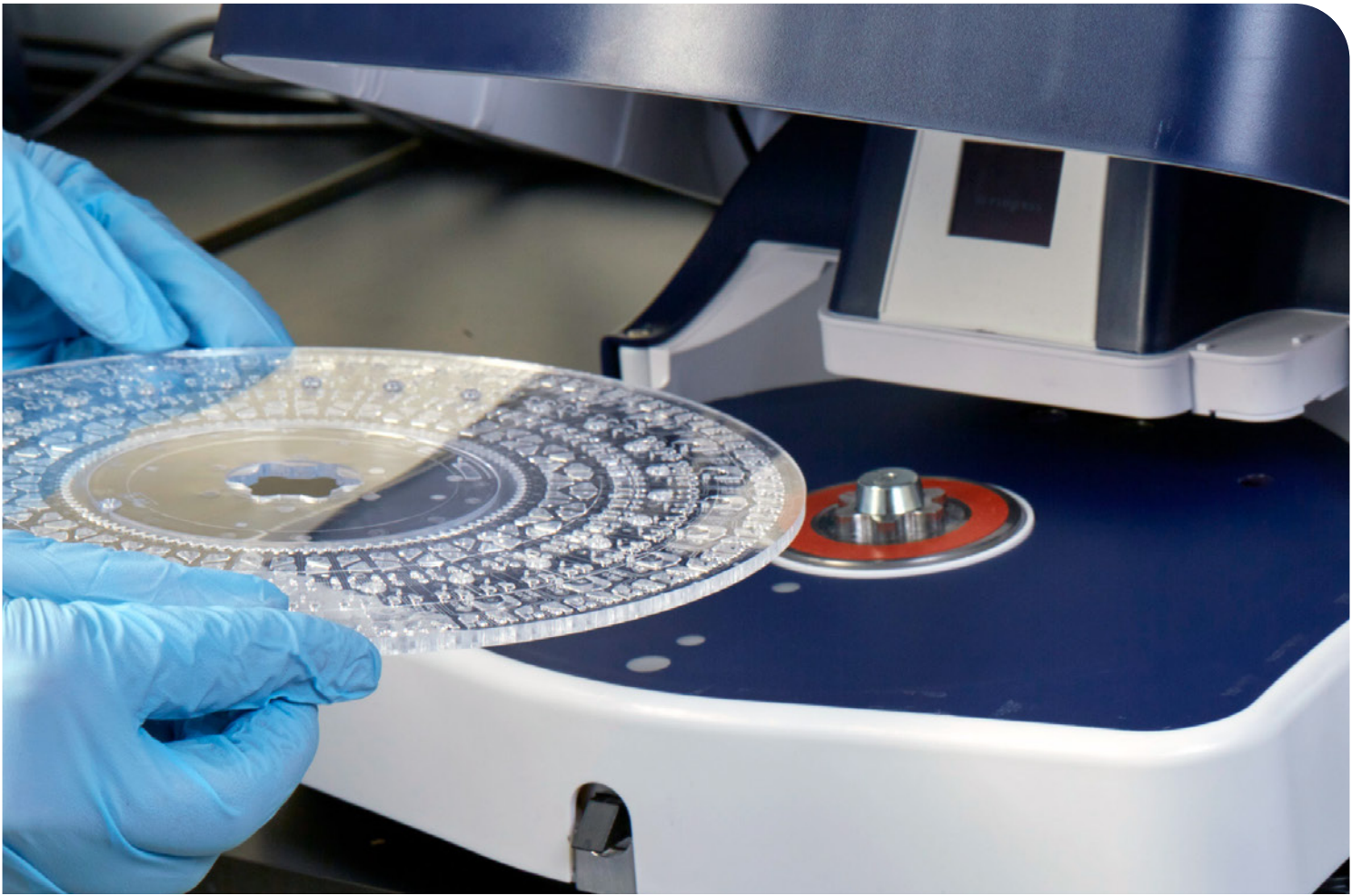


Reason 1



Streamlined Test Set Up Using Up To 90% Less LAL

- The Sievers Eclipse uses breakthrough centripetal microfluidic automation, which enables fully compliant assays to be easily set up in as little as 9 minutes with less than 30 pipetting steps and just 1mL LAL.
- The small benchtop platform runs up to 21-sample assays and a 5-point standard curve with minimal hands-on time by the analyst.
- Use of LAL reagent is reduced by up to 90% compared to traditional assays.



Reason 2



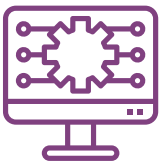
Fully Compliant

The Sievers Eclipse is fully compliant with all pharmacopeia compendial requirements, including USP <85>, EP 2.6.14, and JP 4.01.

- Minimum 3-point standard curve in duplicate
- Samples and PPCs in duplicate
- Standardized endotoxin
- Negative controls in duplicate
- Analyst and lysate lot qualification in triplicate
- FDA licensed LAL

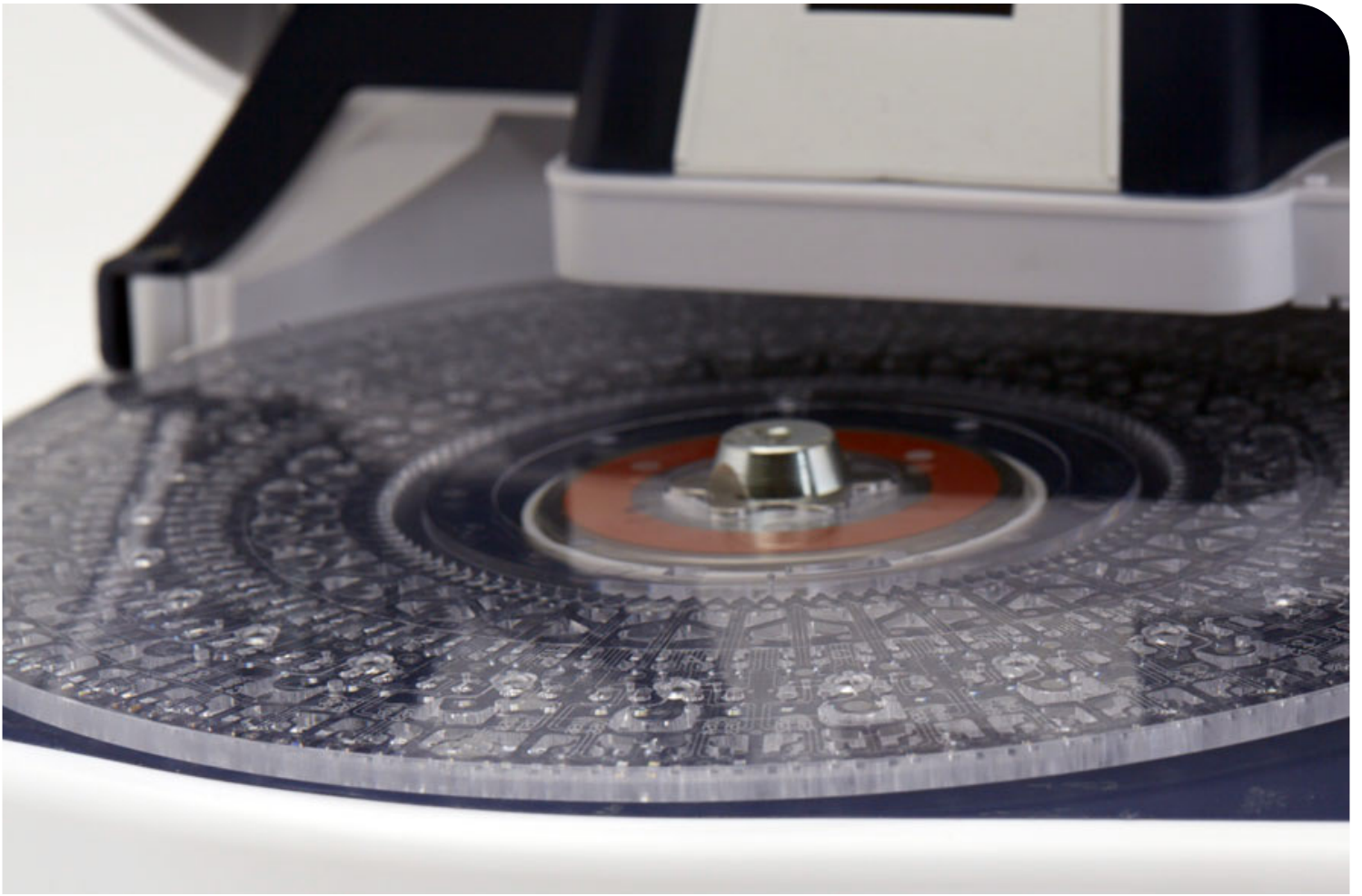


Reason 3



PPCs, Standard Curve, and Negative Controls are Automated

- The Sievers Eclipse microplate has pre-loaded standards and PPCs to save you time and reduce pipetting
- A minimum 3-point standard curve is run in at least duplicate using standardized endotoxin (RSE/CSE)
- Negative controls are in at least duplicate



Reason 4



Reduced Opportunity for Contamination and Errors

- Because the microplate is in an enclosed system, it does not come into contact with any reference standard endotoxin that is not on the plate
- Automation alleviates operator-to-operator variability
- Fewer opportunities for error with less than 30 pipetting steps

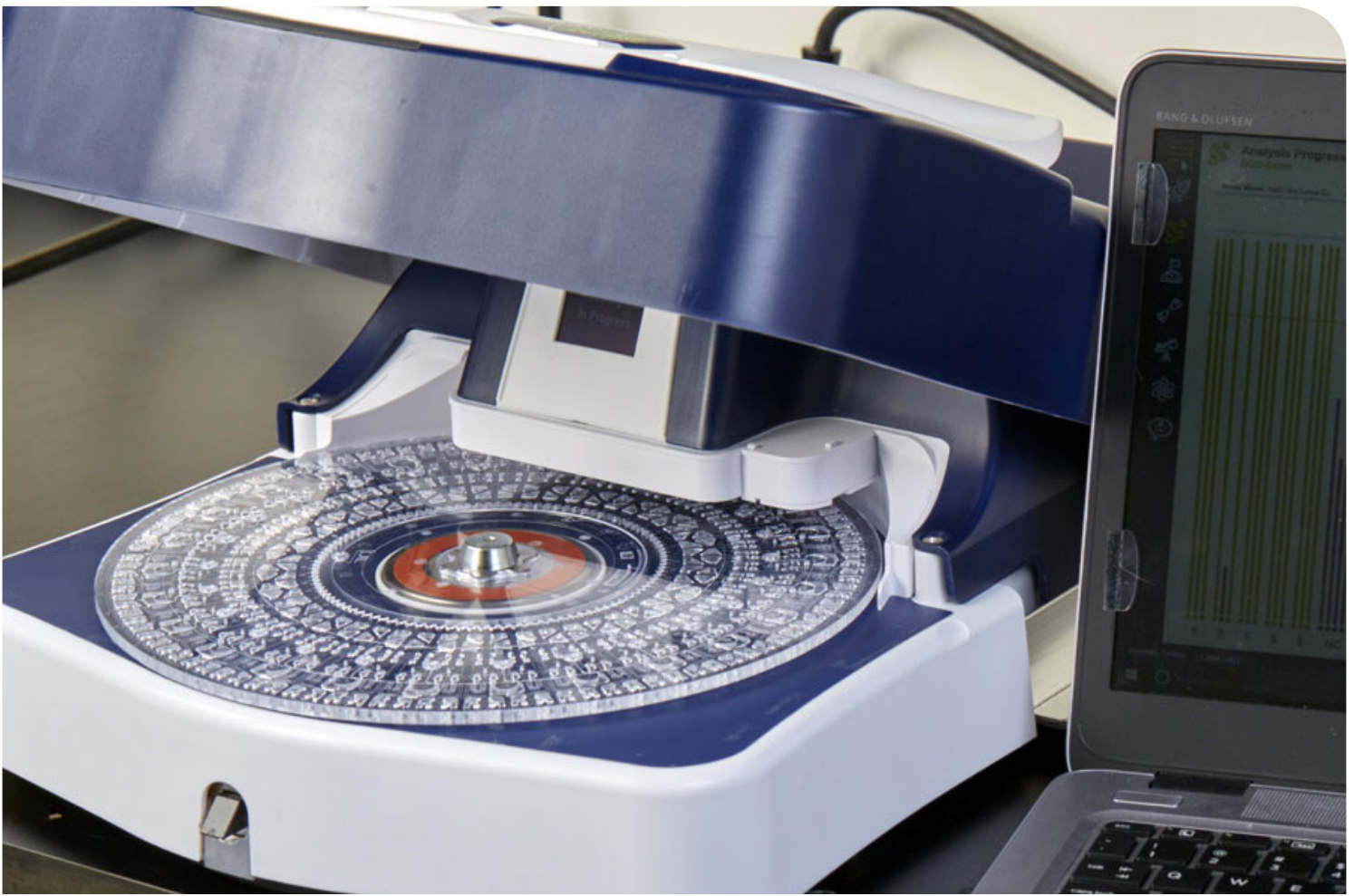


Reason 5



Improved Operational Efficiency

- Streamlined set up and automated liquid handling allow you to run multiple plates in just a few hours.
- Each plate uses just one milliliter of LAL reagent for 21 samples – offering up to a 90% reduction in reagent usage.
- You can run 63 samples with just one vial of LAL reagent.

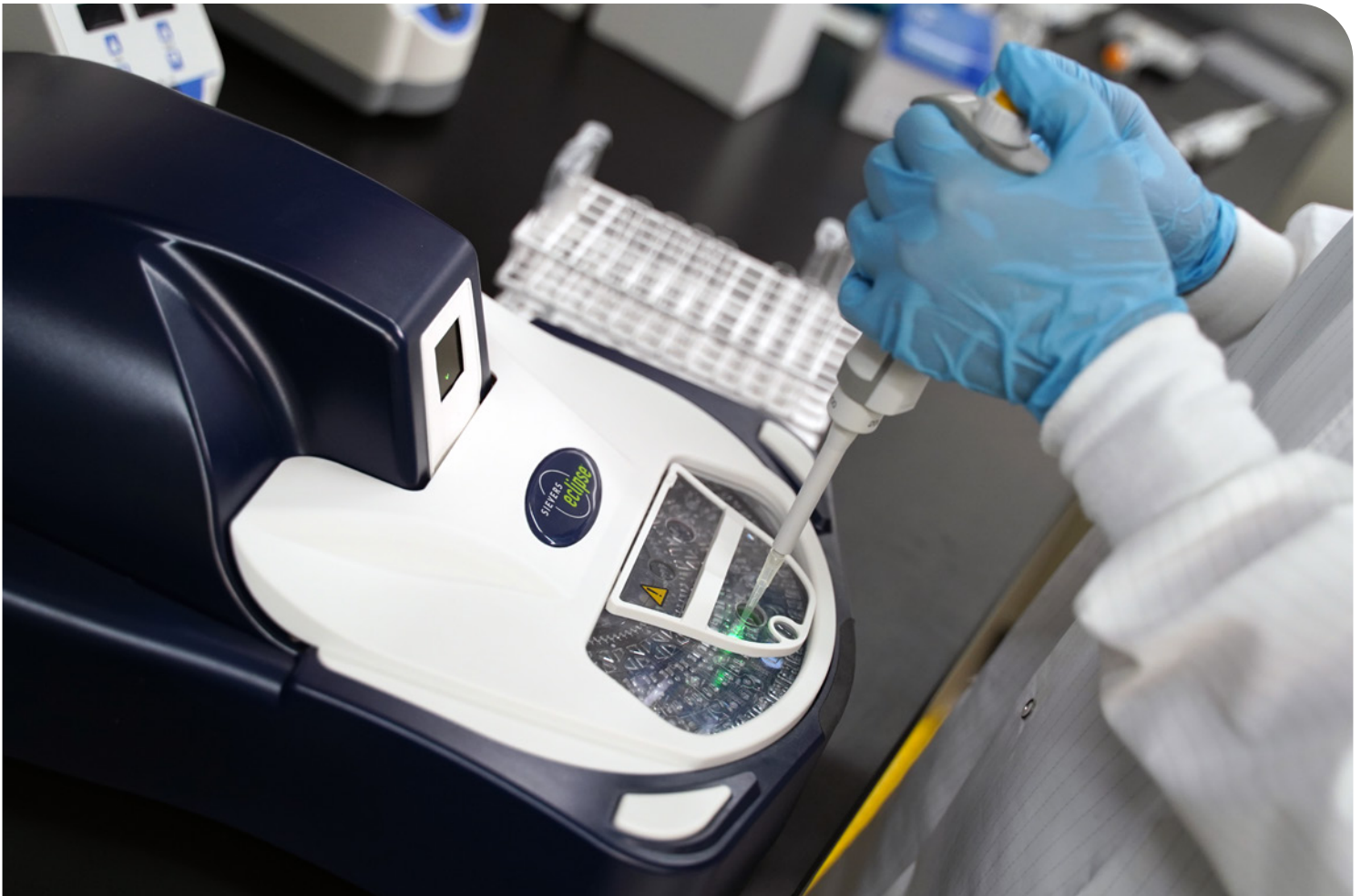


Reason 6



Compliant, Easy-to-Use Software

- The Sievers Eclipse enterprise software is fully compliant with 21 CFR Part 11 and ALCOA+ data integrity guidelines.
- The software is easy to navigate and allows full customization with permissions and assay templates.
- Each test has an assay-specific audit trail that captures who ran the test, when it was ran, and when it was completed.
- Electronic signature enables supervisors to sign off on assays remotely.



Reason 7



Simplified Training and Easy Validation

- You can get the Sievers Eclipse up and running quickly with little as little downtime as possible.
- Installation, Operational, and Performance Qualifications (IOPQ) documentation allows for validation in just a few days, and Sievers' support will ensure a smooth process.
- Training analysts is easy since the testing process is automated, and the microplate is already embedded.
- You can train one analyst in just a few hours or a whole lab in just a few days.



Sievers Eclipse*

7 Reasons Analysts Are Switching to Easier BET

*Trademark of Veolia; may be registered in one or more countries.