

# SHEILA CHADMAN

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## PROFILE

Testing professional with broad-based laboratory experience specializing in equipment calibration, testing, and analysis aligned with ISO 17025 and industry quality standards. Skilled in producing accurate test documentation supporting quality assurance. Demonstrated aptitude in mechanical and chemical testing, adhering to strict safety and regulatory protocols. Proven ability to collaborate with customers and vendors, with willingness to travel for onsite calibrations. Strong commitment to safety culture and continuous improvement.

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## TECHNICAL TRAINING & PROFESSIONAL SKILLS

- Computer Skills
  - LIMS
  - Safety
  - Equipment Calibration
  - Troubleshooting
  - Time management
  - Communication
  - Process Improvement
  - Corrective Action
  - Research & Development
  - Laboratory Equipment
  - Analytical Skills
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## EDUCATION

BioManufacturing — BioConnect DE, Newark, DE Jul. 2025  
*Certificate of Completion*

Biology — Pennsylvania State University, University Park, PA  
*Bachelor of Science*

### Additional Training:

Thermogravimetric Analysis (TGA) Theory & Applications; TA Instruments Oct. 2024  
Thermal Analysis & Rheology & Thermogravimetric Analysis (TGA) Theory & Applications; TA Instruments Nov. 2022  
Thermal Analysis in practice; Mettler Toledo Sept. 2021  
Share the Knowledge/Polymer Academy Technical Seminars Dupont Jun. 2020

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## WORK EXPERIENCE

Celanese — Wilmington, DE 2022 – 2025  
Senior Technician

- Contributed to overall success of organization by guaranteeing compliance with ISO 17025 standards under A2LA accreditation, including documentation review, process validation, and interlaboratory comparison testing.
- Troubleshoot instrumentation to maintain testing turnaround times and meet customer expectations.
- Collaborated with lab management and quality teams to improve processes and enhance laboratory efficiency.
- Reinforcing lab safety culture and safety protocols; led organization of Safety Day in 2023.
- Communicated proactively with customers to address quality inquiries and set expectations.

Dupont — Wilmington, DE 2018 – 2022  
Technical Service Technician

- Executed quality control procedures aligned with ISO 17025 requirements, including calibration, nonconformance investigations, and training.
- Improved chemical ordering efficiency through data-driven process improvement (Six Sigma methodology).
- Participated actively in internal audits and maintained compliance with regulatory standards (cGMP / GLP).
- Provided customer-facing support by communicating testing status and resolving quality issues promptly.

Corteva (F.K.A. Pioneer) — Wilmington, DE 2008 – 2018  
Associate Researcher

- Independently re-set up and established laboratory methods with this group after moving to Iowa in 2016.
- Conducted research demonstrating advantages of proprietary soy oil through oil degradation analysis.
- Archived test records and logbooks in accordance with company guidelines.

- Developed test samples from harvested embryos and seeds used in SSNIR analysis.
- Analyzed and reported results and maintained lab supplies.
- Chemical handling for primary and secondary oxidation studies, using chemicals like toluene, isooctane, panisidine, and sodium thiosulfate.

Strategic Diagnostic, Inc. — Newark, DE  
Scientist

2007 – 2008

- Managed concentration and packaging of antibodies from rabbit genomic sera.

Coriell Institute for Medical Research — Camden, NJ  
Cell Culture Laboratory Technician

2006 – 2007

- Employed techniques such as sterile technique 1 to assure integrity of samples like recovered, passed, and harvested fibroblast, lymphocyte, and hybridoma cell lines.
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