Gregory Lin

CHEMIST

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SUMMARY

Chemist with 4 years in industrial analytical labs testing coatings, polymers and additives by HPLC, GC, FTIR and UV-Vis. Handles method development and troubleshooting, writes clear technical reports for customers, and keeps a mixed workload of 3 product lines on schedule with attention to detail and strong organizational skills.

SKILLS

HPLC • GC • FTIR • UV-Vis • Method Development • Wet Chemistry • Technical Reports • Excel

Attention to Detail • Organizational Skills

EXPERIENCE

Chemist

05/2024 - Present

Cuyahoga Materials Testing — Cleveland, OH

Contract analytical lab serving coatings, adhesives and plastics manufacturers.

- Analyze **70** customer samples a month by HPLC, GC and FTIR to identify additives and contaminants.
- Develop 5 new GC methods for residual solvents, cutting run time per sample from 35 to 18 minutes.
- Write technical reports in Word and PowerPoint for 25 customers a quarter, including failure analysis results.
- Maintain and calibrate 8 instruments to the lab's ISO/IEC 17025 schedule with no audit findings in 2025.

Associate Chemist

06/2022 - 04/2024

Erie Shore Coatings — Euclid, OH

Industrial coatings manufacturer with 2 plants in northeast Ohio.

- Tested 40 batches a week for viscosity, solids content and color by UV-Vis against release specifications.
- Investigated 12 off-spec batches with FTIR and wet chemistry, tracing 9 to a single resin supplier.
- Built an Excel trending tool for QC data that the plant manager used in weekly production meetings.
- Trained 3 new technicians on test methods, instrument care and lab safety procedures during their first 90 days.

EDUCATION

Bachelor of Science

05/2022

The Ohio State University — Columbus, OH

Chemistry