

## **Peter Maxfield Lauve**

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### **Education:**

Bachelor of Science in Biochemistry from Abilene Christian University – Abilene, TX

Coursework including:

- Cell Biology
  - Calculus I & II
  - Biochemistry I & II
    - Lab work included protein assays, Western blot, southern blot, gel filtration chromatography, and PCR
  - Organic Chemistry I & II
    - Lab work included distillations, refractive index, and identification of an unknown organic chemical
  - Physical Chemistry I & II
    - Lab work included demonstrations of physical phenomena such as heat capacity, Joule-Thomson coefficient, and others. Lab work also included the use of Igor Pro, a technical graphing and data analysis program
    - Teamed up with an advanced physics student to design an experiment. We tracked the cyclic transition of iodine's oxidation state in the Briggs-Rauscher oscillating reaction
  - Inorganic Chemistry
  - Microbiology
    - Lab work included inoculating agar plates, Gram's stain, practicing aseptic technique, various identity tests, and identification of an unknown bacteria
  - Analytical Chemistry I
    - Lab work included titrations, gas chromatography, and high-performance liquid chromatography
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### **Occupational Skills:**

- Proficient with the following instruments/techniques: Waters UPLC/MS, Agilent HPLC/MS, FTIR, Karl Fischer titrator, pH meter, various wet chemistry techniques
- Experience testing materials per various pharmacopoeia, including USP, EP, and JP
- Working knowledge of Microsoft Office suite of business software applications
- OSHA HAZWOPER 40HR certification

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## **Work Experience:**

July 2018 – June 2019

*Clean Harbors Environmental Services – Lab Pack Chemist*

- Identifying, segregating, and preparing various hazardous & non-hazardous waste streams at Alcon Laboratories for disposal.
- Performing weekly inspections on Satellite Accumulation Areas & Waste Storage area in accordance with EPA & TCEQ regulations.
- Generating hazardous waste manifests, BOL's, LDR's, and all associated paperwork in accordance with EPA & DOT regulations per the 40, and 49 CFR.
- Responding to any chemical spills on campus, identifying hazards, and determining proper PPE for said spill.

March 2017 – January 2018

*Ellyve Integrated LLC – Toxicology Certifying Scientist*

- Set up clients with the means to run a urine toxicology lab
- Ran validation studies for Agilent LCMS, AU 680, MGC 240, Biolis 24i
- Optimized parameters, organized data, and prepped for a variety of validation studies
- Completing high volumes of data entry for validation and stability testing.

August 2015 – November 2016

*Southwest Laboratories / ESA Laboratories - Toxicology Laboratory Technician*

- Prepped ~450 human urine samples daily for 3 different toxicology panels
- Operated Waters and Agilent HPLC/MS/MS, and AU640 immunoassay analyzer
- Managed workflow to maintain 24-hour turnaround time for urine samples
- Performed routine maintenance and troubleshooting for Waters and Agilent LC/MS, as well as AU640
- Authored SOP for LCMS analysis of ethanol metabolites, ETS/ETG
- Accessioned patient information into the internal LIS

October 2014 – April 2015

*Alcon- QC Analyst (contract)*

- Tested 50+ component chemicals per USP, JP, and EP
- Performed a variety of wet chemistry techniques per cGMP guidelines
- Documented results in a hand-written lab report, and in an electronic database
- Organized chemical supply closet and assisted in supply management

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**References:**

Miles Keller  
Clean Harbors Environmental Services  
Fort Worth, TX  
407-492-5226

Scott Schnieder  
ESA Laboratories  
Denton, TX  
918-527-5659

Ron Barfield  
Barfield Landscaping  
Abilene, TX  
325-370-1116

Amy Graves  
Southwest Laboratories  
Dallas, TX  
940-368-8013