



5603 Arapahoe Avenue, Suite 1  
Boulder, CO 80303  
303-952-2905 • [www.LightDeckDx.com](http://www.LightDeckDx.com)

## Formulations Chemist

LightDeck Diagnostics believes in a new approach to healthcare where fast, accurate, simple, low-cost diagnostic tests will be run wherever and whenever they are needed, without compromise. Our proprietary LightDeck® platform combines an advanced laser waveguide with novel materials and patented manufacturing techniques to deliver lab-quality results anywhere, in minutes. We are introducing a portfolio of in vitro diagnostic panels; the first is an on-the-spot test for COVID-19. The LightDeck platform is currently commercialized in veterinary diagnostics and for environmental testing.

### Job Duties:

The successful candidate will be responsible for performing formulation activities (preparation of production materials for microarray printing, cartridge processing, etc.) daily. The formulator will work closely with cartridge manufacturing staff during the execution of production activities. In addition to production responsibilities, the candidate may assist in one or more development projects to optimize formulations and formulation production processes. This position will require work in human clinical diagnostics or other applications of the LightDeck platform. The candidate will participate in the scale-up of biologics for production, procedural documentation development, and design of quality control tests to assess both component reagents and finished goods. The position requires excellent documentation of results and communication skills. This position reports to Assay Transfer Lead.

### Expectations:

- Prefer 1-5 years of experience and demonstrated skills in production of biological formulations in a regulated manufacturing environment.
- Knowledge of wet-bench laboratory techniques such as precision measurements of materials, spectroscopy, and immunoassay techniques.
- Develop new processes and update existing processes related to handling and formulation of biological reagents used in our products.
- Position will be required to report findings to senior assay scientists and management; excellent written and oral technical communication skills are required.

No single candidate is expected to have demonstrated skill in all functions listed below, but candidates should highlight relative experience in a brief cover letter.

- Demonstrated biological laboratory technique experience, including but not limited to antibody purification, chromatography, and bioconjugation chemistries.
- Demonstrated skill working with biomedical or clinical diagnostics instrumentation, especially systems involving microarrays, fluid handling, and fluorescence microscopy.
- Competency with formulation production equipment such as HPLC and lyophilizers.
- Familiarity with operating in a regulated environment (e.g., FDA Quality System or ISO).

### Education and Experience:

- B.S. or B.A. degree in biochemistry, molecular biology, microbiology, or related field from an accredited university.
  - Corresponding compensation will be commensurate with level of experience.
  - Prefer 1-5 years of relevant laboratory experience.
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Applicant must have authorization to work in the U.S. Resumes must be accompanied by a cover letter explaining how the applicant meets the job requirements and desired skills. Please apply via Workable; or you may email a cover letter and resume to [Jobs@LightDeckDx.com](mailto:Jobs@LightDeckDx.com) with applicant name and the job title listing in the subject line.

No phone calls, please. Note: no third-party recruiters will be enlisted for this search.

LightDeck Diagnostics is an Equal Opportunity Employer committed to a culturally diverse workforce.