



## **Analytical Chemist**

### **Position Summary**

Trinity Manufacturing is a growing chemical manufacturing company seeking an experienced Analytical Chemist to lead analytical method development and support both development and commercial manufacturing activities. This role plays a critical part in ensuring accuracy, consistency, and innovation in analytical processes across pilot-scale and full-scale production.

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### **Key Responsibilities**

- Lead the development, optimization, and validation of analytical methodologies for new and existing products
  - Apply innovative analytical techniques, new technologies, and statistical approaches to ensure reliable and reproducible results
  - Provide analytical support for internal laboratory requests and technical service needs
  - Interpret analytical data and provide scientific insight to support process development and scale-up
  - Communicate scientific findings effectively to both technical and non-technical stakeholders
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### **Qualifications**

#### **Required:**

- PhD in Analytical Chemistry or closely related field
- Strong background in analytical method development and application
- Hands-on experience with analytical instrumentation, including:
  - GC, HPLC, IR, UV, ICP, IC, XRF, DSC, TGA
- Experience with structure elucidation using:
  - NMR, GC-MS, LC-MS
- Strong problem-solving skills and sound scientific judgment
- Excellent written and verbal communication skills
- Proficiency in Microsoft Office (Word, Excel, PowerPoint) and PerkinElmer software

#### **Preferred:**

- 10 years of experience in analytical research or development (post-doctoral work considered)

- Experience supporting process scale-up and manufacturing environments
  - Familiarity with chlor-alkali processes and products
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### **Additional Attributes**

- Demonstrated scientific creativity and independent thinking
  - Strong collaboration and interpersonal skills
  - Ability to manage multiple priorities with strong organizational skills
  - Commitment to continuous learning and staying current in the field
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### **Why Join Trinity Manufacturing?**

- Opportunity to work on both development and commercial-scale projects
- Collaborative, team-oriented environment
- Growing organization with strong technical focus