

## Ceramic Chemist Interview Questions

1. What have you found to be the best way to analyze organic or inorganic compounds to determine chemical or physical properties, composition, structure, relationships, or reactions, using chromatography, spectroscopy, or spectrophotometry techniques?

2. Describe methods you have found effective to maintain laboratory instruments to ensure proper working order and troubleshoot malfunctions when needed.

3. Walk me through how you confer with scientists or engineers to conduct analyses of research projects, interpret test results, or develop nonstandard tests.

4. What is the most challenging part of preparing test solutions, compounds, or reagents for laboratory personnel to conduct tests? Share an example.

5. Share an experience you had in dealing with a difficult person and how you handled the situation.

6. Share an experience in which you successfully shared a difficult piece of information. (Make sure that the candidate has open lines of communication.)

7. Tell me how you organize, plan, and prioritize your work.

8. Share an experience when you applied new technology or information in your job. How did it help your company?

9. Give me an example of when you thought outside of the box. How did it help your employer?

10. Tell me about an experience in which you analyzed information and evaluated results to choose the best solution to a problem.

11. Would you consider analyzing data or information a strength? How so?

12. Share an effective approach to working with a large amount of information/data. How has your approach affected your company?

13. Tell me about the last time you monitored or reviewed information and detected a problem. How did you

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respond?

14. Share a time when you successfully used scientific rules or methods to solve a problem at work.

15. How would you rate your writing skills? (Ask for an example that demonstrates great writing skills.)

16. Provide an example of a time when you were able to demonstrate excellent listening skills. What was the situation and outcome?

17. Tell me how you compile and analyze test information to determine process or equipment operating efficiency or to diagnose malfunctions.

18. Describe an experience where you directed, coordinated, or advised personnel in test procedures for analyzing components or physical properties of materials.

19. What kind of experience do you have developing, improving, or customizing products, equipment, formulas, processes, or analytical methods?

20. Provide a time when you were able to identify a complex problem, evaluate the options, and implement a solution. How did the solution benefit your employer?