

Competition Corner: Pattern-Card Audit

g12_u02_w06

Original fictional representation challenges. No spectrum acquisition, sample handling, or real-substance identification is implied.

Challenge 21. A fictional card supplies IR labels A and B and two NMR signal labels. Create a four-column evidence table: stated label, cautious feature relation, alternative explanation, and prohibited overclaim.

Challenge 22. Explain how a formula constraint and two pattern labels could jointly narrow a candidate set while still leaving ambiguity. Include two reasons a responsible analyst would ask for another supplied evidence card.