

Curiosity — What a Local Data Card Can and Cannot Tell You

Curiosity Reading | CheAI Research Inc.

A local chemistry data card can make a comparison visible: one printed site can have a different pH, conductivity, or turbidity entry than another at the stated time. That is useful evidence for a carefully worded observation.

It cannot, by itself, name a cause. Different variables summarize different properties, and the card may omit repeated dates, chemical identity, concentration, flow, weather, or other context. The disciplined next question is not what must have happened, but what category of evidence would help test that explanation.

Good scientific writing keeps its boundary in the sentence: the locations, time, and variables that actually appear in the data.