

	4	3	2	1	0
Claim	Claim clearly restates and answers the given prompt. Addresses the process of biosynthesis using all Three Questions: matter movement, matter change, and energy change.	Claim answers the prompt, without restating. Addresses the process of biosynthesis using 2 of the Three Questions.	Claim attempts to answer prompt, but is unclear. Addresses the process of biosynthesis using 1 of the Three Questions.	Claim may be confusing or ambiguous. Does not address the Three Questions.	No claim
Evidence	Evidence is sufficient (<i>lab data and molecular models</i>), relevant, and accurate. Uses three pieces of evidence. Includes quantitative and qualitative data.	Evidence is limited (some sources), relevant, and accurate. Uses two pieces of evidence Includes only qualitative data.	Some evidence may be inconsistent with claim or irrelevant. Uses one piece of evidence	Evidence for the claim is minimal or irrelevant.	No evidence
Reasoning	Reasoning is explicit and logical, using relevant scientific concepts: atoms rules, BTB explanation, and the chemical equations.	Reasoning is explicit and logical, but lacks scientific concepts.	Reasoning attempted to connect the claim and evidence, but is inconsistent or incomplete.	Reasoning is absent or significantly flawed.	No Reasoning