QUALITY REPORT

Bavarian Biochar

CE-bavarian-biochar · Cool Effect

Report ID: CM-7179A592 · Generated: 2026-04-02 · Scoring Methodology: General v2.0

5.0 Overall Score out of 10	
Integrity (35%)	4.6
Transparency (25%)	5.2
Claim Safety (25%)	5.0
Documentation (15%)	5.4

Weights: Integrity 35% · Transparency 25% · Claim Safety 25% · Documentation 15%

Assessment Summary

The project has VVB-confirmed additionality via an investment test and reports no reversal events, but key quantifications (verified removals, leakage deduction, buffer/baseline reassessment) are missing from the extracted record. Corrective actions in the verification report indicate data-quality issues in the LCA inputs (infrastructure emissions and transport distances), increasing over-crediting risk.

Project Details

Registry	Cool Effect
Registry ID	CE-bavarian-biochar
Sector	biochar
Vintage	Aging
Project Methodology	Puro.earth CO2 Removal Marketplace General Rules 3.0 Annex A: Biochar Methodology
Crediting Period	2022 — 2023
VVB	bio.inspecta AG
Monitoring Period	2022 — 2023
Confidence	High
Documents Reviewed	6 documents reviewed
Scored	2026-04-02

Red Flags

■ Leakage treatment is inconsistent across documents (verification report says leakage not addressed; an issuance record indicates leakage was quantified).

■ Verification report requires corrective actions on LCA drivers (infrastructure emissions assumptions and supplier/customer distance data), suggesting potential under-reporting of emissions.

Score Breakdown

Integrity — 4.6 / 10

+ The verification report confirms additionality using an investment test and reports no material findings.

- Leakage is not addressed in the verification report and no leakage deduction is provided in the extracted record.

The verification report confirms additionality via an investment test and reports no material findings, which supports baseline/additionality robustness. However, leakage is explicitly not addressed in the verification report and no leakage deduction is provided in the extracted record, weakening integrity for a supply-chain/LCA-driven removal pathway. Permanence is described qualitatively (biochar sequestration) and no reversal events are reported, but there is no buffer pool percentage stated in the extracted record to evidence how non-permanence risk is managed.

Transparency — 5.2 / 10

+ A named VVB (bio.inspecta AG) and a clearly stated monitoring period (2022-10-01 to 2023-09-30) are provided in the verification report.

- Total verified removals are not found in the extracted record, and key MRV elements (usage monitoring method and leakage deduction) are missing.

The verification report identifies the VVB (bio.inspecta AG) and specifies the monitoring period (2022-10-01 to 2023-09-30), which supports audit traceability. At the same time, total claimed and total verified removals are not found in the extracted record, limiting the ability to reconcile issuance quantities to monitoring results. The verification report's corrective actions also imply that some underlying activity data (addresses/distances and infrastructure assumptions) were not sufficiently transparent at verification time.

Claim Safety — 5.0 / 10

+ The project is stated as not CORSIA-eligible, reducing certain double-claiming channel risks.

- Over-crediting risk is elevated because the verification report flags potentially under-reported infrastructure emissions and incomplete distance data needed for LCA.

The project is stated as not CORSIA-eligible, which reduces the risk of certain overlapping compliance claims. Nonetheless, the verification report requires corrective actions related to potentially under-reported infrastructure emissions and incomplete customer address data needed to verify transport distances, both of which can materially affect net removals and create over-crediting/greenwashing risk. With leakage treatment unclear and key quantified outputs (verified removals) missing from the extracted record, buyers have limited basis to assess conservativeness.

Documentation — 5.4 / 10

+ Multiple document types are available (methodology, issuance, verification report) with a recent verification report dated 2024-01-10.

- Several critical fields are not found in the extracted record (verified ERs, buffer pool percentage, baseline reassessment timing), and extraction confidence is only medium.

The extracted record includes an issuance document, a methodology document, and a verification report, and the verification report is recent (2024-01-10), supporting basic documentation completeness. However, several critical quantitative fields are not found in the extracted record (total verified removals, leakage deduction percentage, buffer pool percentage, baseline reassessment date). Extraction confidence is only medium, and the presence of multiple corrective actions suggests documentation/data packages were incomplete or required revision during verification.

Risk Indicators

● **Additionality**	VVB-confirmed investment test
● **Permanence**	No reversals reported, but buffer not evidenced
● **Leakage**	Leakage not addressed / inconsistent records
● **Baseline**	Project-specific baseline; reassessment timing missing
● **Safeguards**	No FPIC or grievance mechanism evidenced
● **Double-claim**	Not CORSIA-eligible; CCP status not stated

What Would Improve This Score

→ Publish and clearly reconcile total claimed vs total verified removals for the monitoring period, including calculation spreadsheets/LCA outputs and uncertainty/QA checks.

→ Provide a complete leakage assessment (quantified or justified as negligible) and disclose any buffer/non-permanence risk management approach (e.g., buffer pool percentage) alongside evidence of safeguards implementation (FPIC/grievance).

Documents Reviewed

- Additionality Document
- Audit 2020
- Audit 2023 Report
- Audit 2023 Statement
- Download project disclosures
- Project Description

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