PULSECOIN ($PULSE)

Smart Contract Security Audit · v1.0 · June 2026

Smart Contract Security Audit Report

Independent review of the PulseCoin BEP-20 contract deployed on BNB Smart Chain.

Engagement Summary

Project	PulseCoin ($PULSE)
Contract	0xd6500d0b6683b03022000429e259dc606c09471b
Network	BNB Smart Chain (BEP-20)
Report Version	v1.0
Report Date	June 8, 2026
Methodology	Static analysis · Manual review · Standards comparison
Scope	ERC20/BEP20 implementation, supply, ownership, transfer logic

Executive Summary

This report presents the findings of an independent security review of the PulseCoin BEP-20 smart contract. The review covers the verified source code published on BscScan, with a focus on token standards compliance, supply integrity, access control, and known attack vectors. No critical or high-severity issues were identified that could compromise user funds or token integrity under normal operating conditions.

Findings Summary

Severity	Findings	Status
Critical	0 findings	None
High	0 findings	None
Medium	1 finding	Informational
Low	2 findings	Acknowledged

Informational	3 findings	Acknowledged

Scope of Review

- BEP-20 standard compliance (transfer, approve, balanceOf, totalSupply).
- Supply integrity: fixed 10,000,000,000,000 PULSE max supply.
- Absence of mint/burn backdoors, hidden fees, blacklist/pause hooks.
- Ownership and privileged role analysis.
- Reentrancy and integer overflow exposure (Solidity ≥0.8 protections).
- Front-running and economic attack vectors at the contract level.

Detailed Findings

MEDIUM · M-01 — Centralized Liquidity Provisioning

Initial liquidity is provisioned by the deploying address. Recommend publishing an LP token lock or burn transaction hash for verifiable transparency.

LOW · L-01 — Missing Event Emissions on Admin Calls

Some non-user-facing admin functions do not emit events. Consider emitting events to improve off-chain monitoring and indexing.

LOW · L-02 — No Per-Address Transfer Limits

The contract does not enforce per-address limits. Acceptable for a freely-tradable token but worth disclosing for institutional reviewers.

INFO · I-01 — Solidity Version Pin

Contract compiles cleanly under Solidity 0.8.x with built-in overflow checks.

INFO · I-02 — Standard ERC20/BEP20 Interfaces

Interface conformance verified against OpenZeppelin reference implementation.

INFO · I-03 — Public Verified Source

Source code is verified on BscScan; bytecode matches the published Solidity.

Conclusion

The PulseCoin contract follows the BEP-20 standard with no critical or high-severity issues identified. The team is encouraged to publish liquidity-lock evidence and emit events on remaining administrative actions to further strengthen transparency.