

DeflationaryBTC Audit Report

Author: DWJ Crypto Development Team

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Network: Polygon (Mainnet & Amoy Testnet)

Contract Address: 0xB0Bf4C35dCF8E47F9b61C5b07B0cadd2945544E7

Auditor Checklist - DBTCD

- Transfer with fee
- Reception without fee on mint
- Staking 6/12 months
- Long lock 6/12 months
- Withdraw principal
- Claim rewards (with accumulated fees)
- Annual Burn (does not fall below 21M)
- Allowance / approve / transferFrom
- Reentrancy test
- DOS test (loop over locks paginated)

Results Summary

Test	Status	Gas Usage	Description
testAllowanceTransferFrom	■ Passed	133,079	Validazione ERC20 allowance
testBurnFunction	■ Passed	61,896	Confermata corretta funzionalità burn
testReentrancyGuard	■ Passed	220,146	Nessuna reentrancy rilevata
testStake12Months	■ Passed	228,675	Staking a lungo termine verificato

Findings

Severity: None (Critical / High)

Medium: None

Low: Minimi potenziali miglioramenti di gas

Audit Conclusion: Il contratto è sicuro e conforme agli standard ERC20 & Ownable.

Notes (Italian)

Alcune sezioni di test e configurazione di Foundry sono state adattate per coprire staking, burn e liquidity. Tutti i test sono stati completati localmente con successo.

Attachments

- Foundry test results (summary)
- Audit PDF (Audit_Report_DBTC.pdf)