

# Security Audit Report

## 1. Token Information

Token Name: BabylonX

Token Symbol: BBX

Contract Address: 0x1dA2044f3914c5aDe9503511E6E3840cdC7D77C

Audit Date: 27/05/2025

Auditor: Self-Declared Audit

## 2. Scope of Audit

The audit covers the following areas of the BabylonX token smart contract:

- Token Supply and Distribution Logic
- Ownership and Access Control
- Minting and Burning Mechanisms
- Token Sale Placeholder Function
- Staking Rewards Mechanism
- General Security Practices

## 3. Summary of Findings

The token contract uses OpenZeppelin libraries, ensuring standardized, secure implementations.

- The maximum supply is fixed at 500,000 BBX tokens, preventing further minting.
- Initial distribution and staking rewards are transparently handled.
- Only the owner can set the staking contract, and only the staking contract can distribute rewards.
- No mint function exposed post-deployment. No backdoors or hidden permissions found.
- Token sale logic is present as a placeholder and should be implemented carefully.

Conclusion: No critical vulnerabilities detected. Contract appears secure based on current scope.