



# Internal Smart-Contract Security Audit Summary

MYnCoin v3 (MY™ Token Ecosystem)

---

**Contract Address:** 0x5E66D9Ab3876d0989A3EBB48C56E1Da5DD827EA2  
**Network:** BNB Smart Chain (BEP-20)  
**Compiler:** Solidity 0.8.20    **License:** MIT    **Optimization:** Yes (200 runs)

## 1 · Overview

MYnCoin v3 is a verified BEP-20 token designed for the MY™ Token Ecosystem. The contract implements a hard cap of 17,888,777 MYN (18 decimals) and a balanced burn-to-mint rule enforcing a 1-for-1 burn requirement for any minting.

## 2 · Security Integrity Checklist

Check	Status	Notes
Integer overflow / underflow	Pass	Solidity 0.8+ checked math
Re-entrancy exposure	Pass	No external or payable calls
Access control (onlyOwner)	Pass	Mint restricted to owner
Mint inflation risk	Pass	Equal-or-greater burn enforced
Supply cap enforcement	Pass	$\text{MAX\_SUPPLY} = 17,888,777 \times 10^{18}$
Ownership transfer safety	Pass	Verified functions
Event logging	Pass	Standard ERC-20
External dependency risk	Low	No imported libraries

Risk Level	Description	Status
High	Catastrophic exploit potential	None found
Medium	Misuse by owner prior to renounce	Avoidable
Low	Gas inefficiency / redundant logic	Non-impactful

`renounceOwnership()` is executed.

## 5 · Audit Conclusion

### Overall Security Grade: A

The codebase is clean and secure. No overflow, re-entrancy, or permission escalation detected.

**Recommendation:** Renounce ownership after confirming the validity of the liquidity lock and maintain public transparency through BscScan and the official channels of MY™.

---

Authorized Representative – MY™ Token Ecosystem

October 18, 2025

---

Date