

Ting Audit
August, 2025



TINGAUDIT

SMART CONTRACTS SECURITY AUDIT REPORT



t.me/tingaudit



x.com/TingAudit



github.com/TingAudit

Audit Details



Audited Project

Ting Application Chain



Deployer Address

[0xc82702fa21777dc8f72f8060d4a5c8a05655fe85](#)



Client Contacts

Ting Application Chain Team



Blockchain

Ethereum



Project Website

<https://tingchain.org>

Disclaimer

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report. While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

DISCLAIMER: By reading this report or any part of it, you agree to the terms of this disclaimer. If you do not agree to the terms, then please immediately cease reading this report, and delete and destroy any and all copies of this report downloaded and/or printed by you. This report is provided for information purposes only and on a non-reliance basis, and does not constitute investment advice. No one shall have any right to rely on the report or its contents, and TingAudit and its affiliates (including holding companies, shareholders, subsidiaries, employees, directors, officers and other representatives) (TingAudit) owe no duty of care towards you or any other person, nor does TingAudit make any warranty or representation to any person on the accuracy or completeness of the report. The report is provided "as is", without any conditions, warranties or other terms of any kind except as set out in this disclaimer, and TingAudit hereby excludes all representations, warranties, conditions and other terms (including, without limitation, the warranties implied by law of satisfactory quality, fitness for purpose and the use of reasonable care and skill) which, but for this clause, might have effect in relation to the report. Except and only to the extent that it is prohibited by law, TingAudit hereby excludes all liability and responsibility, and neither you nor any other person shall have any claim against TingAudit, for any amount or kind of loss or damage that may result to you or any other person (including without limitation, any direct, indirect, special, punitive, consequential or pure economic loss or damages, or any loss of income, profits, goodwill, data, contracts, use of money, or business interruption, and whether in delict, tort (including without limitation negligence), contract, breach of statutory duty, misrepresentation (whether innocent or negligent) or otherwise under any claim of any nature whatsoever in any jurisdiction) in any way arising from or connected with this report and the use, inability to use or the results of use of this report, and any reliance on this report.

The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed.

Background

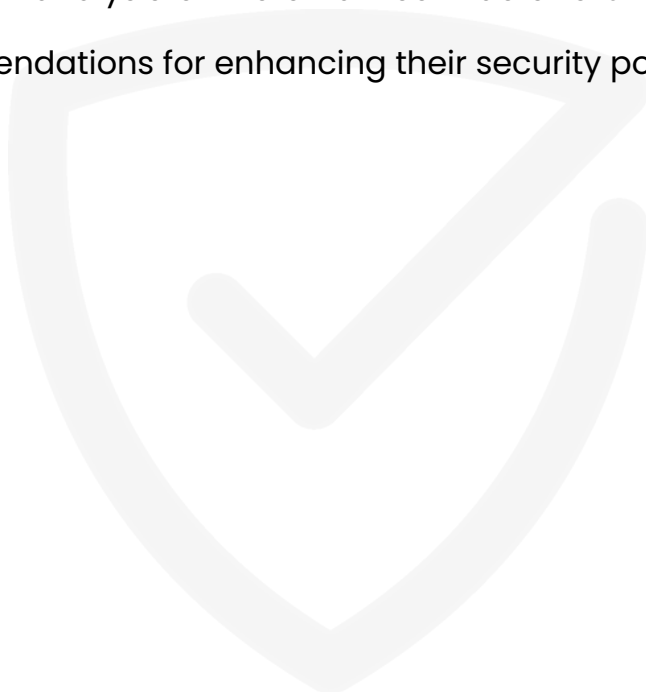
Ting Audit was commissioned by Ting Application Chain to perform an audit of smart contracts:

<https://etherscan.com/token/0xc82702fa21777dc8f72f8060d4a5c8a05655fe85#code>

The primary objectives of the audit were to:

- Ensure that the smart contract functions as intended.
- Identify potential security issues and vulnerabilities.

This report provides an analysis of the smart contracts to understand risk exposure and includes recommendations for enhancing their security posture.



Issues Checking Status

| Issue Description | Checking status |
|---|-----------------|
| 1. Compiler Errors | Passed |
| 2. Race Conditions and Reentrancy | Passed |
| 3. Possible Delays in Data Delivery | Passed |
| 4. Oracle Calls | Passed |
| 5. Front Running | Passed |
| 6. Timestamp Dependence | Passed |
| 7. Integer Overflow and Underflow | Passed |
| 8. DoS with Revert | Passed |
| 9. DoS with Block Gas Limit | Passed |
| 10. Methods Execution Permissions | Passed |
| 11. Economy Model of the Contract | Passed |
| 12. Impact of Exchange Rate on Logic | Passed |
| 13. Private User Data Leaks | Passed |
| 14. Malicious Event Log | Passed |
| 15. Scoping and Declarations | Passed |
| 16. Uninitialized Storage Pointers | Passed |
| 17. Arithmetic Accuracy | Passed |
| 18. Design Logic | Passed |
| 19. Cross-Function Race Conditions | Passed |
| 20. Safe Open Zeppelin contracts implementation and usage. | Passed |
| 21. Fallback Function Security | Passed |

Security Issues

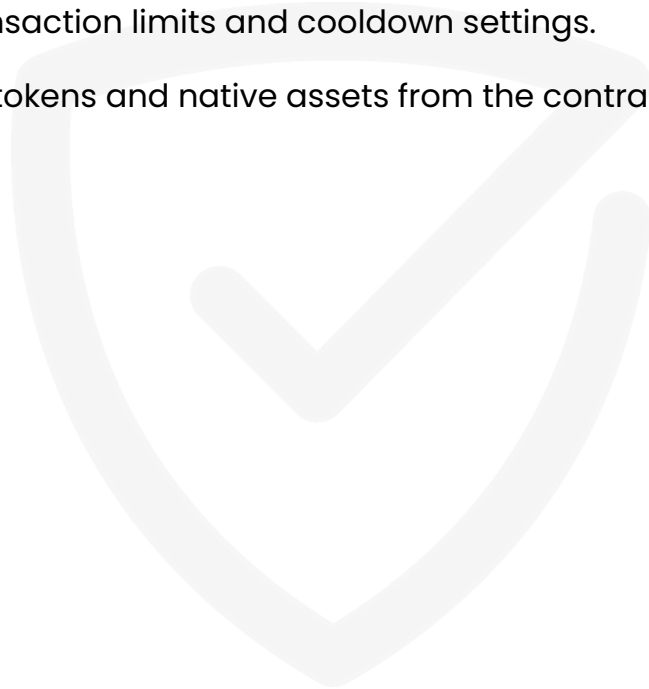
- ✓ **High Severity Issues:** None
- ✓ **Medium Severity Issues:** None
- ✓ **Low Severity Issues:** None



Owner Privileges

While the contract ownership is not renounced, the owner has the following privileges:

- Exclude addresses from fees and rewards.
- Modify tax settings.
- Change the reward token and development addresses.
- Adjust transaction limits and cooldown settings.
- Withdraw tokens and native assets from the contract.



Conclusion

The smart contracts for JLaunchpad demonstrate robust security, with no high, medium, or low-severity issues detected. However, liquidity pair contracts and further fund operations were not within the scope of this audit.

Security Score: 96

Note: This report is provided for informational purposes and should not be considered as investment advice or a guarantee of code sustainability.

