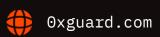


# Smart contracts security assessment

**Preview Report** 

MegaHelium

July 2022





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## □ Introduction

### The report has been prepared for MegaHelium

Network Binance Smart Chain

Contract type ERC-20

Address 0x54baa9eb1438ab67893bd12ae9ddc2f4a08b4cb4

Token name MegaHelium

Token symbol MHC

Decimals 9

## Procedure

We perform our audit according to the following procedure:

#### **Automated analysis**

- Scanning the project's smart contracts with several publicly available automated Solidity analysis tools
- Manual verification (reject or confirm) all the issues found by the tools

#### Manual audit

- Manually analyze smart contracts for security vulnerabilities
- Smart contracts' logic check

# ○ Known vulnerabilities checked

Title	Check result
Unencrypted Private Data On-Chain	passed
Code With No Effects	
Message call with hardcoded gas amount	
Typographical Error	
DoS With Block Gas Limit	passed
Presence of unused variables	
Incorrect Inheritance Order	
Requirement Violation	
Weak Sources of Randomness from Chain  Attributes	passed
Shadowing State Variables	
Incorrect Constructor Name	
Block values as a proxy for time	
Authorization through tx.origin	
DoS with Failed Call	
Delegatecall to Untrusted Callee	
Use of Deprecated Solidity Functions	
Assert Violation	
State Variable Default Visibility	
Reentrancy	
Unprotected SELFDESTRUCT Instruction	
Unprotected Ether Withdrawal	
Unchecked Call Return Value	

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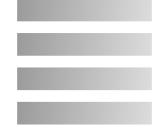
5

Floating Pragma

Outdated Compiler Version

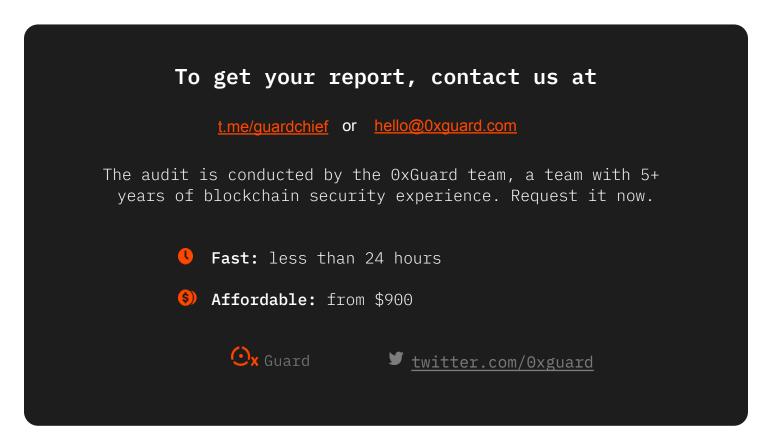
Integer Overflow and Underflow

Function Default Visibility



## Conclusion

MegaHelium was audited. 0 high,  $\Box$  medium,  $\Box$  low severity issues were found. Users should check if they interact with the same contracts as were audited.



This is a preview of an audit report. Please contact us to get a full report in less than 24 hours!

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# Classification of issue severity

**High severity** High severity issues can cause a significant or full loss of funds, change

of contract ownership, major interference with contract logic. Such issues

require immediate attention.

**Medium severity** Medium severity issues do not pose an immediate risk, but can be

detrimental to the client's reputation if exploited. Medium severity issues may lead to a contract failure and can be fixed by modifying the contract

state or redeployment. Such issues require attention.

**Low severity** Low severity issues do not cause significant destruction to the contract's

functionality. Such issues are recommended to be taken into

consideration.



## Disclaimer

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