

# SMART CONTRACT REVIEW AND SECURITY REPORT





COMPLETED ON AUGUST 13, 2022







160 Robinson Road, #14-04 Singapore Singapore (068914) support@daudit.org



# **IMPORTANT STATS**

### TAX

Buy tax: 5% Sell tax: 5%

# OWNER CAN SET FEES

Owner can't set fees

## MAX TX AMOUNT

Owner can't set max tx amount

# OWNERSHIP

Owner can't renounce or transfer ownership

# MINT FUNCTION

No mint function found

## PAUSE

Owner can't pause trading

## BLACKLIST

Owner can't set blacklist

## WHITELIST

Owner can set whitelist to avoid transaction fee



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# OVERVIEW

This audit has been prepared for Margic Forest Seed to review their Smart Contract Code and Security. This audit report aims to help investors make an informative decision during the project research.

In this report, you will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Contract's function
- ✓ Owner's wallets
- ✓ Important Technical Stats
- ✓ Good Practices
- ✓ Recommendation

This document may contain confidential information about IT systems and the intellectual property of the Customer as well as information about potential vulnerabilities and methods of their exploitation.

The report containing confidential information can be used internally by the Customer, or it can be disclosed publicly after all vulnerabilities are fixed — upon a decision of the Customer.

- ► This Audit report DOES NOT guarantee nor reflect the outcome and goal of the project.
- ▶ DAudit's audit process only guarantees that the smart contract code has been verified not to have security breaches.

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# CONTRACT INFORMATION

Token Name

Symbol

MagicForestSeed

SEED

Contract Name

Type

**SEED** 

ERC-20

# Website

https://magicpro.io/

# Contract Address

0x04f5625Cd65EC71682e25E539C50C124 9493e75a

### Network

Binance Smart Chain

# Language

Solidity

# Compiler Version

v0.8.15+commit.e14f2714

# **Optimization**

No with 200 runs

### Decimals

18

# Total Supply

20,000,000,000

# DAUDIT CONTRACT REVIEW PROCESS

Smart Contract Code review process:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities.
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross-referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

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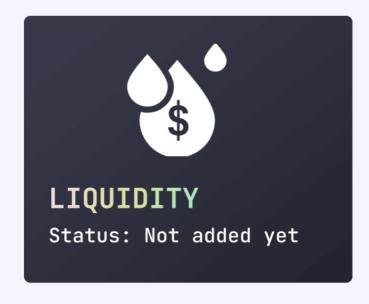
# PROJECT TECHNICAL INFORMATION

(AS OF AUGUST 13TH, 2022)

# STATUS:

# HAVEN'T LAUNCHED YET

Owner Address	0x322212D8194b606671C27060971Bc7cC71c f497A
Fund fee Address	0xBA57b688eE13Dad3d57a4A5D20d1314508E 51874
LP fee Address	0x6Bed2e7Cf0911F8e813f434Cf4aB262550e1 66A3



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# **VULNERABILITY CHECK**

# **CODE REVIEW**

Design Logic	Passed
Compiler Warnings	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle Calls	Passed
Front Running	Passed
DoS with block gas limit	Passed
DoS with Revert	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event Log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed

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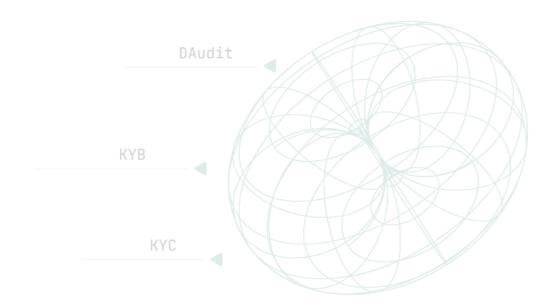


# **VULNERABILITY CHECK**

# **FUNCTION REVIEW**

Business Logics Review Functionality Checks	Passed
Access Control & Authorization	Passed
Escrow manipulation	Passed
Token Supply manipulation	Passed
Assets integrity	Passed
User Balances manipulation	Passed
Data Consistency manipulation	Passed
Kill - Switch Mechanism Operation Trails & Event Generation	Passed

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# RISK LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## Critical

Critical vulnerabilities are usually straightforward to exploit and can lead to asset loss or data manipulations.

# High

High-level vulnerabilities are difficult to exploit; however, they also have a significant impact on smart contract execution, e.g., public access to crucial functions

## Medium

Medium-level vulnerabilities are important to fix; however, they can't lead to asset loss or data manipulations.

#### Low

Low-level vulnerabilities are mostly related to outdated, unused, etc. code snippets that can't have a significant impact on execution.

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# RISK FOUND 01

LOW \_\_\_\_\_

Owner can withdraw BNB from token contract

```
function claimTokens() public onlyOwner {
   payable(_owner).transfer(address(this).balance);
}
```

# Recommendation:

This action should be performed automatically by smart contract and should not be intervened manually.

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# MARGIC FOREST SEED GOOD PRACTICES FOUND



The smart contract utilizes "SafeMath" to prevent overflows.



The owner cannot stop or pause the contract.



The owner cannot limit transaction amount.



The owner cannot stop or pause tradding.



The owner cannot mint new tokens after deployment.

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# ABOUT DAUDIT

DAudit offers Smart Contract vulnerability and quality testing services at a rapid pace to ensure that projects do not fall behind the market.

# Experienced

A group of
experienced
blockchain
developers
built many
successful DApp
applications
and are
familiar with
security flaws.

### Fast

Within 6 hours, the audit report will be on your desk! We also have professional consultation and support staff available around the clock.

### Careful

We deeply
analyze the
smart contracts
line by line
and cover the
smart contracts
with both
automated and
manual testing.

## Affordable

Affordable
We provide the
most
competitive
price in the
industry, with
audit reports
ranging from
\$500 to \$1,000,
KYC services
start at \$1000,
and KYB
services start
at \$2,000

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# **DISCLAIMER**

## DAudit Disclaimer

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The smart contracts submitted for audit were examined in accordance with best industry practices at the time of this report in terms of cybersecurity vulnerabilities and issues in smart contract source code, which are detailed in this report (Source Code); the Source Code compilation, deployment, and functionality (performing the intended functions).

The audit makes no claims or guarantees about the code's security. It also cannot be deemed an adequate appraisal of the code's utility and safety, bug-free status, or any other contractual assertions. While we did our best in completing the study and generating this report, it is crucial to emphasize that you should not rely only on this report; we advocate doing many independent audits and participating in a public bug bounty program to assure smart contract security.

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

## Technical Disclaimer

Smart Contracts are deployed and executed on a blockchain platform. The platform, its programming language, and other software related to the smart contract can have vulnerabilities that can lead to hacks. Thus, the audit can't guarantee the explicit security of the audited smart contracts.