Solidity checkUp

SafeMars

SMART CONTRACT AUDIT REPORT

01 April 2022

Solidity checkUp

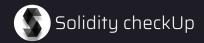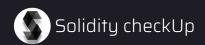# Table of Contents

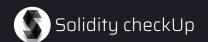# Disclaimer

The information provided on this report document is only for general information and should not be used as a reason to invest. Solidity CheckUp Team will take no payment for manipulating the results of this audit. Solidity CheckUp Team does not guarantees that a project will not sell off team supply, or any other scam strategy.

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

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Audit Details

Audited project
Safe Mars

Deployer Address
0x2963B4311e07da3D9c50F2e1eb14659e42e3f4A9
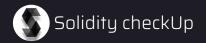
Claient Contacts
Safemars Team

Website
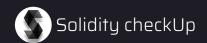safemarscrypto.com

Blockchain
BNB Chain

Background

Solidity CheckUp, they chose "Safemars" and performed the audit of the The Safemars (SAFEMARS) token's smart contract: https://bscscan.com/address/0x3ad9594151886ce85 38c1ff615efa2385a8c3a88# code
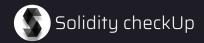
The purpose of the audit was to achieve the following:

• Ensure that the smart contract functions as intended.

• Identify potential security issues with the smart contract.

The information in this report should be used to understand the risk exposure of the smart contract, and as a guide to improve the security posture of the smart contract by remediating the issues that were identified.

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Contract Details

Token	Contract Details for 01.04.2022
Contract Name	SafeMars
Contract Address	0x3aD9594151886Ce8538C1ff615EFa2385a8C3A88
Total Supply	1,000,000,000,000,000
Token Ticker	SAFEMARS
Decimals	9
Token Holders	487,627
Transections Count	1,488,326
Liquidity Fee	N/A
Tax Fee	N/A
Uniswap V2 Pair	0x2d3a6b1621b0ff8d5c8d4345957037ded9303226

Token Details

Details

Buy Fees:	4
Sell Fees:	4
Max TX:	N/A
Max Sell:	N/A

Honeypot Risk

Ownership:	Owned
Blacklist:	Not Detected
Modify Max TX:	Detected
Modify Max Sell:	Detected
Enable Trading:	Detected

Rug Pull Risk

Liqidity:	Not Detected
Holders:	Detected

Token Analysis & Top10 Holders

The top 100 holders collectively own 86.87% (868,744,037,221,526.00 Tokens) of SafeMars | Token Total Supply: 1,000,000,000,000,000.00 Token | Total Token Holders: 487,628

SafeMars Top 100 Token Holders
Source: BscScan.com

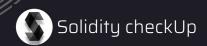(A total of 868,744,037,221,526.00 tokens held by the top 100 accounts from the total supply of 1,000,000,000,000,000.00 token)
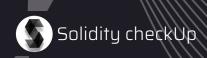
https://bscscan.com/token/tokenholderchart/0x3ad9594151886ce8538c1ff615efa2385a8c3a88

Rank	Address	Quantity (Token)	Percentage
1	Null Address: 0x000...dEaD	616,310,496,270,441.986806522	61.6310%
2	PancakeSwap: SAFEMARS	68,966,176,239,248.133257775	6.8966%
3	SafeMars: Deployer	46,249,822,972,022.492575319	4.6250%
4	0x1667f0fcc1d105069228069b7be20db1e9714d34	27,746,900,554,501.951076651	2.7747%
5	0xdcc64ab5ecab4d5199aaa51de20cdf5b339b8bff	15,706,062,500,516.101083799	1.5706%
6	0xd11616e66b128c0b756b91cc13466defaae67d07	10,898,230,060,303.063034831	1.0898%
7	0xfa83874a1ece9b9ea6dcda94ebd18af2eda0d15d	8,516,602,818,895.423800185	0.8517%
8	0x54cf86142ffd074bfe3e82b90a354e572e038bd2	4,478,962,149,401.394055121	0.4479%
9	0xe42b0f6e8982590b6179410e640baef6dec98519	3,883,461,729,687.76741394	0.3883%
10	0x841d55fb9c9445be505ab0d695c63331b750c007	3,872,038,200,655.725735924	0.3872%

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Audit Overview

No.	Issue description	Checking Status
1	Compiler Errors / Warnings	Passed
2	Reentrancy and Cross-function	Passed
3	Front running	Passed
4	Timestamp dependence	Passed
5	Integer Overflow and Underflow	Passed
6	Reverted DoS	Passed
7	DoS with block gas limit	Passed
8	Methods execution permissions	Passed
9	Exchange rate impact	Passed
10	Malicious Event	Passed
11	Scoping and Declarations	Passed
12	Uninitialized storage pointers	Passed
13	Design Logic	Passed
14	Safe Zeppelin module	Passed

Audit Overview

Security Issue
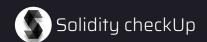
(1) **High**

(3) **Medium**

(3) **Low**

(0) **Critical**

Owner Privileges

- Contract owner can't mint tokens after initial contract deploy.
- Contract owner can enable trading.
- Contract owner can exclude/ include an address from reward/fee.
- Contract owner can set / change buy & sell taxes.
- Contract owner can change swap settings.
- Contract owner can change tx amount
- Contract owner can transfer ownership

Conclusion & Analysis

- Smart Contracts within the scope were manually reviewed and analyzed with static tools.

- Audit report overview contains all found security vulnerabilities and other issues in the reviewed code.

- Found no Critical issue during the first review.

- Liquidity pair contract security is not checked due to out of scope

⚠️

Kindly check the disclaimer above and note, the audit makes no statements or warranties on business model, investment attractiveness or code sustainability. The report is provided for the only contract mentioned in the report and does not include any other potential contracts deployed by Owner.