ALCHEMIST DEFI AUDIT REPORT

BY SPEEDEVS ORGANIZATION

MARCH 29, 2021

Summary:

Alchemist DeFi will reward wizards staking their tokens with MIST. We'll use every possible spell to burn more and more MIST and buy them back from the sorcerer's market.

The following MIST sinks have been implemented:

2% MIST burn for every transaction

Lowered emission rate at launch (0.7)

5% emission decrease rate every 8 hours

Buybacks and burns of MIST using deposit fees

Project details:

Name of Token: AlchemistDefi Token

Ticker: MIST

Smart Contract: 0x6f8fe12cc34398d15b7d5a5ba933e550da1d099f

Mintable: N/A

Decimals: 18

PancakeSwap : 10%

Burn/Dead address: 10%

Exceptions: True.

Multiple Sends: True

Contracts with the same bytecode: N/A

Total Supply: 900

Token Theft: N/A

Owner address : 0x43404359bb38f5135ab8e25c62902015a49a0074

Analysis conducted (https://exchange.alchemistdefi.com/#/swap)

Secured: Yes

Recommended Slippage: 10% -17%

Locked for 90 days: Yes

Risk: Low bugs

Optimized: True

Ratings: A+ (less than 1.15 Seconds)

Details conducted on (**MasterChefV2.sol)**
Risk : Low bugs

Optimizations: True (Optimization helps to lower the gas fee and optimize the code in Binance chain Mainnet)

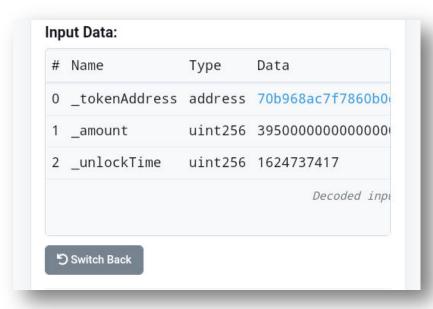Details conducted on (**Timelock.sol**)

Risk: Medium bugs

Optimizations: Enabled with 200 runs

Details conducted on (**MistReferral.sol**)
Risk : Low

Referral: True

Optimizations: True with 200 runs

Input Data:

#	Name	Type	Data
0	_tokenAddress	address	70b968ac7f7860b0
1	_amount	uint256	3950000000000000
2	_unlockTime	uint256	1624737417
			Decoded inpu

⟲ Switch Back

Reviews for Lock

A. Token is locked for 1624737417 Epoch time. (Epoch is simply a Unix type of time).

Token Locked can only be Unlocked by the Specific date given below in UTC.

Audit research

A. Migrator have been removed from the smart contract. (migration part is a built-in piece of code that let the owner update the contract address.)

B. Attackers risk to attack the website is only 4% chance due to the security and certificate verification carried out.

C. **$MIST** cannot be minted or no hidden Mint Function is found (i.e. extra creation of tokens)

D. **$MIST** token can be sold and be traded and don't have any code to steal tokens directly from member's/ Investors wallet.

E. Token is locked for 3 months (6/26/2021, 8:56:57PM UTC).

F. Optimizations is made to the smart contract to reduce fees with 200 runs.

G. A Fair Timelock have been executed.

timestamp in seconds or millis: 1624737417 | Convert | 6/26/2021, 8:56:57 PM