



ASTROBIATECH

SMART CONTRACT SECURITY
AUDIT REPORT

Audit Details



Audited Project

MemeMeme Galore



Deployer Address

0x48bcb637a8ac75e59a0eba1af31c565f7ba1efb0



Client Contact

Wawa



Blockchain

Binance Smart Chain



Project Website

<https://memememegalore.weebly.com/>

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 below disclaimer below – please make sure to read it in full.

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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

AstrobiaTech was commissioned by MemeMeme Galore to perform an audit of smart contracts:

<https://bscscan.com/address/0x1594df5720eb806f4324cccc30fa30901f8f2ad1#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.



Contract Details

Token contract details for 27.07.2022

Contract name	MemeMeme Galore
Contract address	0x1594Df5720eb806f4324CccC30FA30901F8F2ad1
Total supply	20000000000000000 mmgalore
Circulating Supply	18609999999999798 mmgalore
Token ticker	mmgalore
Decimals	9
Token holders	0
Transactions count	8
Top 100 holders dominance	0%
WBNB	0xbb4cdb9cbd36b01bd1cbaebf2de08d9173bc095c
autoLiquidityReciever	0x48bcb637a8ac75e59a0eba1af31c565f7ba1efb0
distributorAddress	0x2352ac694e9d6f37a929f3c2cf7020dfc89fac02
marketingFeeReciever	0xedf4e92993314f3c61d383a027782159c5cb88e3
router	0x10ed43c718714eb63d5aa57b78b54704e256024e
Contract Deployer Address	0x48bcb637a8ac75e59a0eba1af31c565f7ba1efb0
Owner Address	0x48bcb637a8ac75e59a0eba1af31c565f7ba1efb0

Memememe Galore Transaction Fees Details

5 % BUY / 5% SELL

1 % BNB REWARDS TO HOLDERS

1 % AUTOLIQUIDITY

3 % MARKETING WALLET

Memememe Galore Fees Extensions

Total Fees Collected	0 mmgalore
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Total Dividend Distributed	0
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Total Dividend Holders	0
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Trading Enabled	false
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Contract Functions

+ IBEP20

- totalSupply
- balanceOf
- transfer
- allowance
- approve
- transferFrom

+ Ownable (Context)

- owner
- renounceOwnership
- transferOwnership
- modifiers: onlyOwner
- getUnlockTime
- lock
- unlock

+ IDividendDistributor

- getPaidEarnings
- getUnpaidEarnings
- totalDistributed
- claimDividend
- depositprocess
- setDistributionCriteria
- setShare

+ DividendDistributor

- dividendsPerShare
- dividendsPerShareAccuracyFactor
- getPaidEarnings
- getUnpaidEarnings
- minDistribution
- minPeriod
- shares
- totalDistributed



- totalDividends
- totalShares
- claimDividend
- depositprocess
- setDistributionCriteria
- setShare

+ MemeMeme Galore

- allowance
- autoLiquidityReceiver
- balanceOf
- distributorAddress
- getCirculatingSupply
- getLiquidityBacking
- getOwnergetPaidDividend
- getTotalDistributedDividend
- getUnpaidDividend
- isOverLiquified
- isOwner
- launchedAt
- launchedAtTimestamp
- marketingFeeReceiver
- maxTxAmount
- pair
- router
- swapEnabled
- swapThreshold
- totalSupply
- tradingOpen
- WBNB
- approve
- approveMax
- claimDividend
- decimals
- launch
- name
- setDistributionCriteria
- setDistributorSettings
- setFeeReceivers



- **setFees**
- **setIsDividendExempt**
- **setIsFeeExempt**
- **setIsTxLimitExempt**
- **setSwapBackSettings**
- **setTargetLiquidity**
- **setTxLimit**
- **symboltransfer**
- **transferFrom**
- **transferOwnership**



Issue Checking Status

Issue description	Checking status
Compiler errors.	Passed
Race conditions and Reentrancy. Cross-function race conditions.	Passed
Possible delays in data delivery.	Passed
Oracle calls.	Passed
Front running.	Passed
Timestamp dependence.	Passed
Integer Overflow and Underflow.	Passed
DoS with Revert.	Passed
DoS with block gas limit.	Passed
Methods execution permissions.	Passed
Economy model of the contract.	Passed
The impact of the exchange rate on the logic.	Passed
Private user data leaks.	Passed
Malicious Event log.	Passed
Scoping and Declarations.	Passed
Uninitialized storage pointers.	Passed
Arithmetic accuracy.	Passed
Design Logic.	Passed
Cross-function race conditions.	Passed
Safe Open Zeppelin contracts implementation and usage.	Passed
Fallback function security.	Passed

Security Issues

✓ High Severity Issues

No high severity issues found.

✓ Medium Severity Issues

No medium severity issues found.

✓ Low Severity Issues

No low severity issues found.



Owner Privileges

- Owner can renounce and transfer ownership.
- Owner can launch token.
- Owner can set Tax Limit.
- Owner can exclude an address from dividend.
- Owner can exclude an address from fees.
- Owner can set Fees.
- Owner can set Fee Receivers.
- Owner can set Swap Back Settings.
- Owner can set target liquidity.
- Owner can set Distribution Criteria.
- Owner can set Distribution Settings.



Conclusion

Smart Contract do not contain any issues !

AstrobiaTech Note:

Please 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.

