



KOSHER  
AUDIT



**Safe Token**

**SILVER Audit**

Deep Scan Mode Screening

May, 30  
2023

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# COMPANY PROFILE

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**Lite Green Chain** is a decentralized peer-to-peer cryptocurrency and open-source software project which forks Litecoin Source.

We reviewed the [Lite Green Chain](#) contract at 0xEAC04ac3e8B8f7730810c1A46dbfB5E287E1A872 on the Binance Smart Chain mainnet.

## DESCRIPTION

Lite Green Chain is a decentralized peer-to-peer cryptocurrency and open-source software project which forks Litecoin Source. It can be mined, can be your payment tool, and can be your trading asset. In technical details, the LiteGreen main chain shares a slightly modified Bitcoin and Litechain codebase. The practical effects of those codebase differences are lower transaction fees, faster transaction confirmations, and faster mining difficulty retargeting.

# ROADMAP

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## PHASE 1

MAY 2023 :

- Token Launch on BSC.
- Community Building.
- Website Whitepaper Released.
- 500+ Community Member.
- Audit Phase 1.



## PHASE 2

June 2023 :

- Development : Tesnet Blockchain, Tesnet Exploler, Tesnet Mining Wallet.
- Steaking Feature Developmet.



## PHASE 3

August 2023 :

- Release Tesnet Blockchain.
- CG & CMC Listing.
- Project Docs Release.
- Mainnet Developmet



## PHASE 4

December 2023 :

- Marketing.
- Mainnet Release.
- CEX Listing.
- Certik Audit.

# INTRODUCTION

Auditing Firm	Lite Green Chain
Client Firm	8BitEarn
Methodology	Automated Analysis, Manual Code Review
Language	Pragma solidity 0.8.7
Contract Address	0xEAC04ac3e8B8f7730810c1A46dbfB5E287E1A872
Contract Creator	0xda199272601963114aF17e0f3b6C52a131365f70
Contract Owner	0xda199272601963114af17e0f3b6c52a131365f70
Blockchain	May, 12 2023
Centralization	Active ownership using multi-sig approach
Website	<a href="https://litegreencoin.org">https://litegreencoin.org</a>
Channel Telegram	<a href="https://t.me/LiteGreenChain">https://t.me/LiteGreenChain</a>
Twitter	<a href="https://twitter.com/LiteGreen_Chain">https://twitter.com/LiteGreen_Chain</a>
Group Telegram	<a href="https://t.me/LiteGreenChainChat">https://t.me/LiteGreenChainChat</a>
Report Date	May, 12 2023

# SECURITY DETECTION

## CONTRACT SECURITY



### CONTRACT SOURCE CODE VERIFIED

This token contract is open source. You can check the contract code for details. Unsourced token contracts are likely to have malicious functions to defraud their users of their assets.



### NO PROXY

There is no proxy in the contract. The proxy contract means contract owner can modify the function of the token and possibly effect the price.



### NO MINT FUNCTION

Mint function is transparent or non-existent. Hidden mint functions may increase the amount of tokens in circulation and effect the price of the token.



### NO FUNCTION FOUND THAT RETRIEVES OWNERSHIP

Mint function is transparent or non-existent. Hidden mint functions may increase the amount of tokens in circulation and effect the price of the token.



### OWNER CAN'T CHANGE BALANCE

The contract owner is not found to have the authority to modify the balance of tokens at other addresses.





## NO HIDDEN OWNER

No hidden owner address was found for the token. For contract with a hidden owner, developer can still manipulate the contract even if the ownership has been abandoned.



## THIS TOKEN CAN NOT SELF DESTRUCT

No self-destruct function found. If this function exists and is triggered, the contract will be destroyed, all functions will be unavailable, and all related assets will be erased.



## NO EXTERNAL CALL RISK FOUND

External calls would cause this token contract to be highly dependent on other contracts, which may be a potential risk.

## HONEYBOT RISK

Buy Tax: **0.00%**       Sel Tax: **32.89%**

Above 10% may be considered a high tax rate. More than 50% tax rate means may not be tradable.



### **THIS DOES NOT APPEAR TO BE A HONEYBOT.**

We are not aware of any malicious code.



### **NO CODES FOUND TO SUSPEND TRADING.**

If a suspendable code is included, the token maybe neither be bought nor sold (honeybot risk).



### **HOLDERS CAN SELL ALL OF THE TOKEN**

Holders can sell all of the token. Some token contracts will have a maximum sell ratio.



### **THE TOKEN CAN BE BOUGHT**

Generally, these unbuyable tokens would be found in Reward Tokens. Such Tokens are issued as rewards for some on-chain applications and cannot be bought directly by users.



### **NO TRADING COOLDOWN FUNCTION**

The token contract has no trading cooldown function. If there is a trading cooldown function, the user will not be able to sell the token within a certain time or block after buying.





## **ANTI\_WHALE(LIMITED NUMBER OF TRANSACTIONS)**

The number of token transactions is limited. The number of scam token transactions may be limited (honeypot risk).



## **ANTI WHALE CAN NOT BE MODIFIED**

The maximum trading amount or maximum position can not be modified.



## **TAX CAN BE MODIFIED**

The contract owner may contain the authority to modify the transaction tax. If the transaction tax is increased to more than 49%, the tokens will not be able to be traded (honeypot risk).



## **NO BLACKLIST**

The blacklist function is not included. If there is a blacklist, some addresses may not be able to trade normally (honeypot risk).



## **NO WHITELIST**

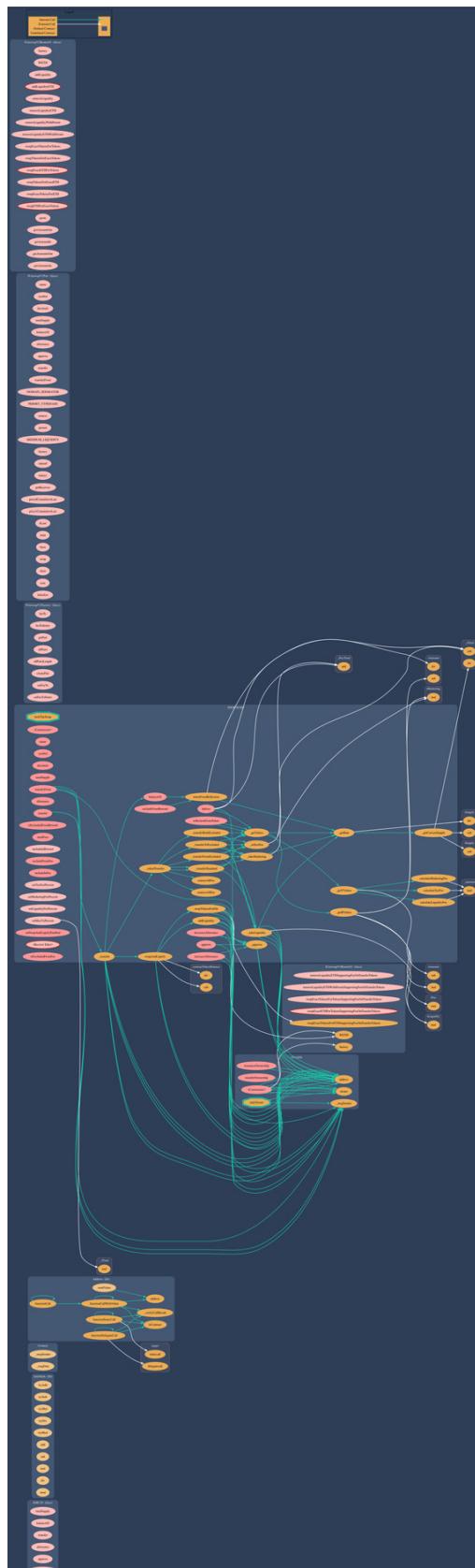
The whitelist function is not included. If there is a whitelist, some addresses may not be able to trade normally (honeypot risk).



## **NO TAX CHANGES FOUND FOR PERSONAL ADDRESSES**

No tax changes were found for every assigned address. If it exists, the contract owner may set a very outrageous tax rate for assigned address to block it from trading.

# FUNCTION GRAFIC



# FUNCTION OVERVIEW

```
=====
11902160 => _getTValues(uint256)
16279055 => isContract(address)
39509351 => increaseAllowance(address,uint256)
75128141 => calculateTaxFee(uint256)
18160ddd => totalSupply()
70a08231 => balanceOf(address)
a9059ccb => transfer(address,uint256)
dd62ed3e => allowance(address,address)
095ea7b3 => approve(address,uint256)
23b872dd => transferFrom(address,address,uint256)
884557bf => tryAdd(uint256,uint256)
a29962b1 => trySub(uint256,uint256)
6281ef44 => tryMul(uint256,uint256)
736ecb18 => tryDiv(uint256,uint256)
38dc0867 => tryMod(uint256,uint256)
771602f7 => add(uint256,uint256)
b67d77c5 => sub(uint256,uint256)
c8a4ac9c => mul(uint256,uint256)
a391c15b => div(uint256,uint256)
f43f523a => mod(uint256,uint256)
e31bcd0a => sub(uint256,uint256,string)
b745d336 => div(uint256,uint256,string)
71af23e8 => mod(uint256,uint256,string)
119df25f => _msgSender()
8b49d47e => _msgData()
24a084df => sendValue(address,uint256)
a0b5fb0 => functionCall(address,bytes)
241b5886 => functionCall(address,bytes,string)
2a011594 => functionCallWithValue(address,bytes,uint256)
d525ab8a => functionCallWithValue(address,bytes,uint256,string)
```

```
bc25cf77 => skim(address)
fff6cae9 => sync()
485cc955 => initialize(address,address)
ad5c4648 => WETH()
e8e33700 =>
addLiquidity(address,address,uint256,uint256,uint256,uint256,address,uint256)
f305d719 =>
addLiquidityETH(address,uint256,uint256,uint256,address,uint256)
baa2abde =>
removeLiquidity(address,address,uint256,uint256,uint256,address,uint256)
02751cec =>
removeLiquidityETH(address,uint256,uint256,uint256,address,uint256)
2195995c =>
removeLiquidityWithPermit(address,address,uint256,uint256,uint256,address,uint256,bool,uint8,bytes32,bytes32)
ded9382a =>
removeLiquidityETHWithPermit(address,uint256,uint256,uint256,address,uint256,bool,uint8,bytes32,bytes32)
38ed1739 =>
swapExactTokensForTokens(uint256,uint256,address[],address,uint256)
8803dbee =>
swapTokensForExactTokens(uint256,uint256,address[],address,uint256)
7f3f36ab5 =>
swapExactETHForTokens(uint256,address[],address,uint256)
4a25d94a =>
swapTokensForExactETH(uint256,uint256,address[],address,uint256)
18cbafe5 =>
swapExactTokensForETH(uint256,uint256,address[],address,uint256)
fb3bdb41 =>
swapETHForExactTokens(uint256,address[],address,uint256)
ad615dec => quote(uint256,uint256,uint256)
054d50d4 => getAmountOut(uint256,uint256,uint256)
85f8c259 => getAmountIn(uint256,uint256,uint256)
d06ca61f => getAmountsOut(uint256,address[])
1f00ca74 => getAmountsIn(uint256,address[])
af2979eb =>
removeLiquidityETHSupportingFeeOnTransferTokens(address,uint256,uint256,address,uint256)
5b0d5984 =>
removeLiquidityETHWithPermitSupportingFeeOnTransferTokens(address,uint256,uint256,uint256,address,uint256,bool,uint8,bytes32,bytes32)
5c11d795 =>
```

```
c21d36f3 => functionStaticCall(address,bytes)
dbc40fb9 => functionStaticCall(address,bytes,string)
ee33b7e2 => functionDelegateCall(address,bytes)
57387df0 => functionDelegateCall(address,bytes,string)
18c2c6a2 => _verifyCallResult(bool,bytes,string)
8da5cb5b => owner()
715018a6 => renounceOwnership()
f2fde3b8 => transferOwnership(address)
017e7e58 => feeTo()
094b7415 => feeToSetter()
e6a43905 => getPair(address,address)
1e3dd1b8 => allPairs(uint256)
574f2ba3 => allPairsLength()
c9c65396 => createPair(address,address)
f46901ed => setFeeTo(address)
a2e74af6 => setFeeToSetter(address)
06fdde03 => name()
95d89b41 => symbol()
313ce567 => decimals()
3644e515 => DOMAIN_SEPARATOR()
30adf81f => PERMIT_TYPEHASH()
7cece00 => nonces(address)
d505accf =>
permit(address,address,uint256,uint256,uint8,bytes32,bytes32)
ba9a756 => MINIMUM_LIQUIDITY()
c45a0155 => factory()
0dfe1681 => token0()
d21220a7 => token1()
0902f1ac => getReserves()
5909c0d5 => price0CumulativeLast()
5a3d5493 => price1CumulativeLast()
7464fc3d => kLast()
6a627842 => mint(address)
89afcba4 => burn(address)
022c0d9f => swap(uint256,uint256,address,bytes)
```

```
swapExactTokensForTokensSupportingFeeOnTransferTokens(uint256,uint256,address[],address,uint256)
b6f9de95 =>
swapExactETHForTokensSupportingFeeOnTransferTokens(uint256,address[],address,uint256)
791ac947 =>
swapExactTokensForETHSupportingFeeOnTransferTokens(uint256,uint256,address[],address,uint256)
a457c2d7 => decreaseAllowance(address,uint256)
88f82020 => isExcludedFromReward(address)
131149d => totalFees()
3bd5d173 => deliver(uint256)
4549b039 => reflectionFromToken(uint256,bool)
2d838119 => tokenFromReflection(uint256)
52390c02 => excludeFromReward(address)
3685d419 => includeInReward(address)
6ffccfd4 => _transferBothExcluded(address,address,uint256)
437823ec => excludeFromFee(address)
ea2f0b37 => includeInFee(address)
061c82d0 => setTaxFeePercent(uint256)
457c194c => setMarketingFeePercent(uint256)
8ee88c53 => setLiquidityFeePercent(uint256)
d543dbeb => setMaxTxPercent(uint256)
c49b9a80 => setSwapAndLiquifyEnabled(bool)
184d894e => _reflectFee(uint256,uint256)
d4780e36 => _getValues(uint256)
65c63d72 => _getRValues(uint256,uint256,uint256,uint256,uint256)
94e10784 => _getRate()
97a9d560 => _getCurrentSupply()
c432df5e => _takeLiquidity(uint256)
eb6b690a => _takeMarketing(uint256)
c5c7647a => calculateMarketingFee(uint256)
cc126a23 => calculateLiquidityFee(uint256)
301370af => removeAllFee()
e7e3e3a7 => restoreAllFee()
5342acb4 => isExcludedFromFee(address)
104e81ff => _approve(address,address,uint256)
30e0789e => _transfer(address,address,uint256)
173865ad => swapAndLiquify(uint256)
b28805f4 => swapTokensForEth(uint256)
9cd441da => addLiquidity(uint256,uint256)
b09bbc79 => _tokenTransfer(address,address,uint256,bool)
2852df65 => _transferStandard(address,address,uint256)
16f1c83 => _transferToExcluded(address,address,uint256)
c7d9be66 => _transferFromExcluded(address,address,uint256)
```



# START UML

```
interface IERC20 {  
    ' -- inheritance --  
    ' -- usingFor --  
    ' -- vars --  
    ' -- methods --  
    +totalSupply()  
    +balanceOf()  
    +transfer()  
    +allowance()  
    +approve()  
    +transferFrom()  
}
```

```
class Context {  
    ' -- inheritance --  
    ' -- usingFor --  
    ' -- vars --  
    ' -- methods --  
    #_msgSender()  
    #_msgData()  
}
```

```
a  
bstract SafeMath {  
    ' -- inheritance --  
    ' -- usingFor --  
    ' -- vars --  
    ' -- methods --  
    #tryAdd()  
    #trySub()  
    #tryMul()  
    #tryDiv()  
    #tryMod()  
    #add()  
    #sub()  
    #mul()  
    #div()  
    #mod()  
    #sub()  
    #div()  
    #mod()  
}
```

```
a  
bstract Address {  
    ' -- inheritance --  
    ' -- usingFor --  
    ' -- vars --  
    ' -- methods --  
    #isContract()  
    #sendValue()  
    #functionCall()  
    #functionCall()  
    #functionCallWithValue()  
    #functionCallWithValue()  
    #functionStaticCall()  
    #functionStaticCall()  
    #functionDelegateCall()  
    #functionDelegateCall()  
    -_verifyCallResult()  
}
```

## Notes on the Contract:

- The total supply of the token is set to 210,000,000
- No minting or burn functions are present; though the circulating supply can be reduced by sending tokens to the 0x..dead address, if desired
- At the time of writing this report, 100% of the total supply belongs to the owner as the project was recently deployed.
- 
- There is a tax fee, liquidity fee, and marketing fee on all transactions for any "non-excluded" address that participates in a transfer
- Users who hold tokens will automatically benefit from the frictionless fee redistribution at the time of each transaction as the tokens collected through the tax fee are removed from the circulating supply.
- The tokens collected from the liquidity fee during transfers are stored in the contract address balance. Once the threshold value of 400 million tokens is met, a swap will occur for the purpose of funding Pancakeswap liquidity.
- Liquidity-adds are funded by selling a portion of the tokens collected as fees (after the threshold number of tokens is met), then pairing the received BNB with the token, and adding it as liquidity to the BNB pair.
- The recipient of the newly created LP tokens is the owner. We
- The recipient of the newly created LP tokens is the owner. We recommend that the team locks these newly acquired LP tokens.
- The tokens collected from the marketing fee are sent to the team's marketing wallet.
- As the contract is implemented with Solidity v0.8.x, it is protected from overflows.

- Ownership Controls:
- Ownership has not been renounced.
- The owner can modify the tax fee, liquidity fee, and marketing fee to any percentages at any time.
- The owner can exclude and include accounts from transfer fees and reward distribution
- The owner can set and update a maximum transaction amount at any time, which will impose a limit to the number of tokens that can be transferred during any given transaction.  
The owner can enable/disable automatic liquidity adds at any time.

#### **Notes on the Contract:**

- No external threats were identified.
- Please ensure trust in the team prior to investing as they have substantial control in the ecosystem and are currently in possession of 100% of the total supply.



# CEO -DEVELOPER

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# DISCLAIMER

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All content provided in this document is for general information only and should be cannot be used as financial advice or a reason to purchase any investment.

Team Kosher Audit makes no guarantees against the team's token sale or elimination of liquidity by the projects audited in this document. Always Do it yourself research and protect yourself from being scammed.

The Kosher Audit team has audited this project for general information only express their opinion based on similar projects and checks from popular diagnostic tool. Under no circumstances will Kosher Audit accept payments to manipulate those results or change the award badges we will add our website.

Always Do your own research and protect yourself from scams. this document should not be presented as a reason to buy or not buy a particular token.  
The Kosher Audit Team disclaims any responsibility for the resulting losses.



# ABOUT KOSHER AUDIT

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Kosher Audit is a leading early coin listing, voting and auditing authority company. That The audit process analyzes and monitors many aspects of the project. With that said, that provide a sense of security to the public by using informative reports and a generic score.

Kosher Audit aiming to make crypto discoverable and efficient globaly. They provide all the essential tools to help users draw on their own conclusion.





**KOSHER**  
AUDIT

Transparency and Reliability in Blockchain WEB3.

<https://kosheraudit.org/>