

# Audit Report WINK

October 2022

Type BEP20

Network BSC

Address 0x39C3D93023e9cd38f18322e265B569882ec7A387

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## **Contract Review**

Contract Name	StandardToken
Compiler Version	v0.8.4+commit.c7e474f2
Optimization	200 runs
Licence	MIT
Explorer	https://bscscan.com/token/0x39C3D93023e9cd38f18322 e265B569882ec7A387
Symbol	WINK
Decimals	18
Total Supply	200,000,000
Domain	http://winks.finance

## Source Files

Filename	SHA256
contract.sol	43810ac0dfad3de7f65f6848ac6e3953da2024288d0937b 62fa80707ff0dd5bf

## **Audit Updates**

Initial Audit	4th October 2022
Corrected	

## **Contract Analysis**

Critical
 Medium
 Minor / Informative
 Pass

Severity	Code	Description	Status
•	ST	Stops Transactions	Passed
•	OCTD	Transfers Contract's Tokens	Passed
•	OTUT	Transfers User's Tokens	Passed
•	ELFM	Exceeds Fees Limit	Passed
•	ULTW	Transfers Liquidity to Team Wallet	Passed
•	MT	Mints Tokens	Passed
•	ВТ	Burns Tokens	Passed
•	ВС	Blacklists Addresses	Passed



## **Contract Diagnostics**

CriticalMediumMinor / Informative

Severity	Code	Description	Status
•	L01	Public Function could be Declared External	Unresolved
•	L09	Dead Code Elimination	Unresolved



#### L01 - Public Function could be Declared External

Criticality	minor / informative
Location	contract.sol#L165,483,553,522,649,515,622,173,491,508,540,593,570
Status	Unresolved

#### Description

Public functions that are never called by the contract should be declared external to save gas.

renounceOwnership
name
allowance
balanceOf
decreaseAllowance
totalSupply
increaseAllowance
transferOwnership
symbol
...

#### Recommendation

Use the external attribute for functions never called from the contract.

#### L09 - Dead Code Elimination

Criticality	minor / informative
Location	contract.sol#L727,772
Status	Unresolved

#### Description

Functions that are not used in the contract, and make the code's size bigger.

```
_burn
_setupDecimals
```

#### Recommendation

Remove unused functions.



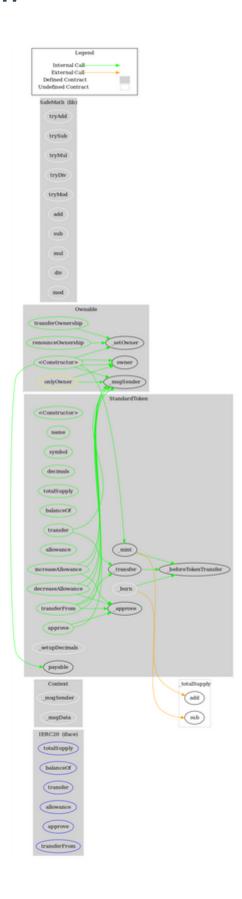
## **Contract Functions**

Contract	Туре	Bases		
	Function Name	Visibility	Mutability	Modifiers
IERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	1	-
Context	Implementation			
	_msgSender	Internal		
	_msgData	Internal		
Ownable	Implementation	Context		
	<constructor></constructor>	Public	✓	-
	owner	Public		-
	renounceOwnership	Public	1	onlyOwner
	transferOwnership	Public	<b>✓</b>	onlyOwner
	_setOwner	Private	✓	
SafeMath	Library			
Caromatri	tryAdd	Internal		
	trySub	Internal		
	tryMul	Internal		
	tryDiv	Internal		
	tryMod	Internal		
	add	Internal		
	sub	Internal		
	i auu	IIILEIIIAI		



	div	Internal		
	mod	Internal		
	sub	Internal		
	div	Internal		
	mod	Internal		
BaseToken	Implementation			
StandardToke n	Implementation	IERC20, Ownable, BaseToken		
	<constructor></constructor>	Public	Payable	-
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-
	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	1	-
	increaseAllowance	Public	1	-
	decreaseAllowance	Public	1	-
	_transfer	Internal	1	
	_mint	Internal	1	
	_burn	Internal	1	
	_approve	Internal	<b>✓</b>	
	_setupDecimals	Internal	1	
	_beforeTokenTransfer	Internal	1	

## **Contract Flow**



## Domain Info

Domain Name	winks.finance
Registry Domain ID	b0cb5ae211ff401ca0bc411453878426-DONUTS
Creation Date	2022-06-30T16:09:19Z
Updated Date	2022-07-16T15:25:07Z
Registry Expiry Date	2023-06-30T16:09:19Z
Registrar WHOIS Server	whois.ionos.com
Registrar URL	https://www.ionos.com
Registrar	IONOS SE
Registrar IANA ID	83

The domain was created 3 months before the creation of the audit. It will expire in 9 months.

There is no public billing information, the creator is protected by the privacy settings.

## Summary

Wink is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler error or critical issues. The contract Owner can access some admin functions that can not be used in a malicious way to disturb the users' transactions.

#### Disclaimer

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

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## About Cyberscope

Coinscope audit and K.Y.C. service has been rebranded to Cyberscope.

Coinscope is the leading early coin listing, voting and auditing authority firm. The audit process is analyzing and monitoring many aspects of the project. That way, it gives the community a good sense of security using an informative report and a generic score.

Cyberscope and Coinscope are aiming to make crypto discoverable and efficient globally. They provide all the essential tools to assist users draw their own conclusions.



The Cyberscope team

https://www.cyberscope.io