



# Audit Report

## **White Gold Token**

February 2022

Type	BEP20
Network	BSC
Address	0x879b32d015122e7E2AB78f99E01Fc2dF6FE36c86
Audited by	© coinscope

# Table of Contents

<b>Table of Contents</b>	<b>1</b>
<b>Contract Review</b>	<b>2</b>
<b>Audit Updates</b>	<b>2</b>
<b>Contract Analysis</b>	<b>3</b>
<b>Contract Diagnostics</b>	<b>4</b>
<b>L01 - Public Function could be Declared External</b>	<b>5</b>
<b>Description</b>	<b>5</b>
<b>Recommendation</b>	<b>5</b>
<b>L04 - Conformance to Solidity Naming Conventions</b>	<b>6</b>
<b>Description</b>	<b>6</b>
<b>Recommendation</b>	<b>6</b>
<b>L09 - Dead Code Elimination</b>	<b>7</b>
<b>Description</b>	<b>7</b>
<b>Recommendation</b>	<b>7</b>
<b>Contract Functions</b>	<b>8</b>
<b>Contract Flow</b>	<b>10</b>
<b>Domain Info</b>	<b>11</b>
<b>Summary</b>	<b>12</b>
<b>Disclaimer</b>	<b>13</b>
<b>About Coinscope</b>	<b>14</b>

## Contract Review

<b>Contract Name</b>	AntiBotStandardToken
<b>Compiler Version</b>	v0.8.4+commit.c7e474f2
<b>Optimization</b>	200 runs
<b>Licence</b>	MIT
<b>Explorer</b>	<a href="https://bscscan.com/token/0x879b32d015122e7E2AB78f99E01Fc2dF6FE36c86">https://bscscan.com/token/0x879b32d015122e7E2AB78f99E01Fc2dF6FE36c86</a>
<b>Symbol</b>	WGT
<b>Decimals</b>	8
<b>Total Supply</b>	100,000,000
<b>Source</b>	contract.sol
<b>Domain</b>	antipolice.dev

## Audit Updates

<b>Initial Audit</b>	3rd February 2022
<b>Corrected</b>	

# Contract Analysis

● Critical
 ● Medium
 ● Minor
 ● Pass

Severity	Code	Description
●	ST	Contract Owner is not able to stop or pause transactions
●	OCTD	Contract Owner is not able to transfer tokens from specific address
●	OTUT	Owner Transfer User's Tokens
●	ELFM	Contract Owner is not able to increase fees more than a reasonable percent (25%)
●	ULTW	Contract Owner is not able to increase the amount of liquidity taken by dev wallet more than a reasonable percent
●	MT	Contract Owner is not able to mint new tokens
●	BT	Contract Owner is not able to burn tokens from specific wallet
●	BC	Contract Owner is not able to blacklist wallets from selling

# Contract Diagnostics

● Critical    ● Medium    ● Minor

Severity	Code	Description
●	L01	Public Function could be Declared External
●	L04	Conformance to Solidity Naming Conventions
●	L09	Dead Code Elimination

## L01 - Public Function could be Declared External

<b>Criticality</b>	minor
<b>Location</b>	contract.sol#L682,L655,L626 and 10 more

### Description

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

```
decreaseAllowance  
increaseAllowance  
transferFrom  
...
```

### Recommendation

Use the external attribute for functions never called from the contract

## L04 - Conformance to Solidity Naming Conventions

**Criticality**

minor

**Location**

contract.sol#L509

### Description

Solidity defines a naming convention that should be followed. Rule exceptions:

- Allow constant variable name/symbol/decimals to be lowercase.
- Allow \_ at the beginning of the mixed\_case match for private variables and unused parameters.

`_enable`

### Recommendation

Follow the Solidity naming convention.

<https://docs.soliditylang.org/en/v0.4.25/style-guide.html#naming-conventions>

## L09 - Dead Code Elimination

**Criticality**

minor

**Location**

contract.sol#L220,L232,L261 and 11 more

### Description

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

```
trySub  
tryMul  
tryMod  
...
```

### Recommendation

Remove unused functions.



# Contract Functions

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

	mod	Internal		
	sub	Internal		
	div	Internal		
	mod	Internal		
<b>IPinkAntiBot</b>	Interface			
	setTokenOwner	External	✓	-
	onPreTransferCheck	External	✓	-
<b>BaseToken</b>	Implementation			
<b>AntiBotStandardToken</b>	Implementation	IERC20, Ownable, BaseToken		
	<Constructor>	Public	Payable	-
	setEnabledAntiBot	External	✓	onlyOwner
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-
	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	increaseAllowance	Public	✓	-
	decreaseAllowance	Public	✓	-
	_transfer	Internal	✓	
	_mint	Internal	✓	
	_burn	Internal	✓	
	_approve	Internal	✓	
	_setupDecimals	Internal	✓	
	_beforeTokenTransfer	Internal	✓	

# Contract Flow



## Domain Info

<b>Domain Name</b>	antipolice.dev
<b>Registry Domain ID</b>	47ED95996-DEV
<b>Creation Date</b>	2021-10-26T14:33:27Z
<b>Updated Date</b>	2021-10-31T14:33:27Z
<b>Registry Expiry Date</b>	2022-10-26T14:33:27Z
<b>Registrar WHOIS Server</b>	whois.namecheap.com
<b>Registrar URL</b>	<a href="https://www.namecheap.com/">https://www.namecheap.com/</a>
<b>Registrar</b>	Namecheap Inc.
<b>Registrar IANA ID</b>	1068

The domain has been 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

The smart contract analysis reported no compiler errors or major issues. In fact there are not any functions that can be abused by the owner to interrupt the user's transactions. The contract is also protected by an anti-bot mechanism.

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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.

Coinscope is aiming to make crypto discoverable and efficient globally. It provides all the essential tools to assist users draw their own conclusions.



The Coinscope.co team

<https://www.coinscope.co>