BlockSAFU

ADVANCE MANUAL
SMART CONTRACT AUDIT

READTOEARN

Project: SIGMA

Website: read2earn.info

PASSED

BlockSAFU Score: 97

Contract Address:

0xE890AB6f84d5A1B207B29144430bA1Bf20fFA161

DISCLAMER

BlockSAFU has completed this report to provide a summary of the Smart Contract functions, and any security, dependency, or cybersecurity vulnerabilities. This is often a constrained report on our discoveries based on our investigation and understanding of the current programming versions as of this report's date. To understand the full scope of our analysis, it is vital for you to at the date of this report. To understand the full scope of our analysis, you need to review the complete report. Although we have done our best in conducting our investigation and creating this report, it is vital to note that you should not depend on this report and cannot make any claim against BlockSAFU or its Subsidiaries and Team members on the premise of what has or has not been included in the report. Please remember to conduct your independent examinations before making any investment choices. We do not provide investment advice or in any way claim to determine if the project will be successful or not.

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ABOUT THE AUDITOR:

BlockSAFU (BSAFU) is an Anti-Scam Token Utility that reviews Smart Contracts and Token information to Identify Rug Pull and Honey Pot scamming activity. BlockSAFUs Development Team consists of several Smart Contract creators, Auditors Developers, and Blockchain experts. BlockSAFU provides solutions, prevents, and hunts down scammers. BSAFU is a utility token with features Audit, KYC, Token Generators, and Bounty Scammers. It will enrich the crypto ecosystem.

OVERVIEW

BlockSAFU was commissioned by SIGMA Token to complete a Smart Contract audit. The objective of the Audit is to achieve the following:

- Review the Project and experience and Development team
- Ensure that the Smart Contract functions are necessary and operate as intended.
- Identify any vulnerabilities in the Smart Contract code.

DISCLAIMER: This Audit is intended to inform about token Contract Risks, the result does not imply an endorsement or provide financial advice in any way, all investments are made at your own risk. (https://blocksafu.com/)

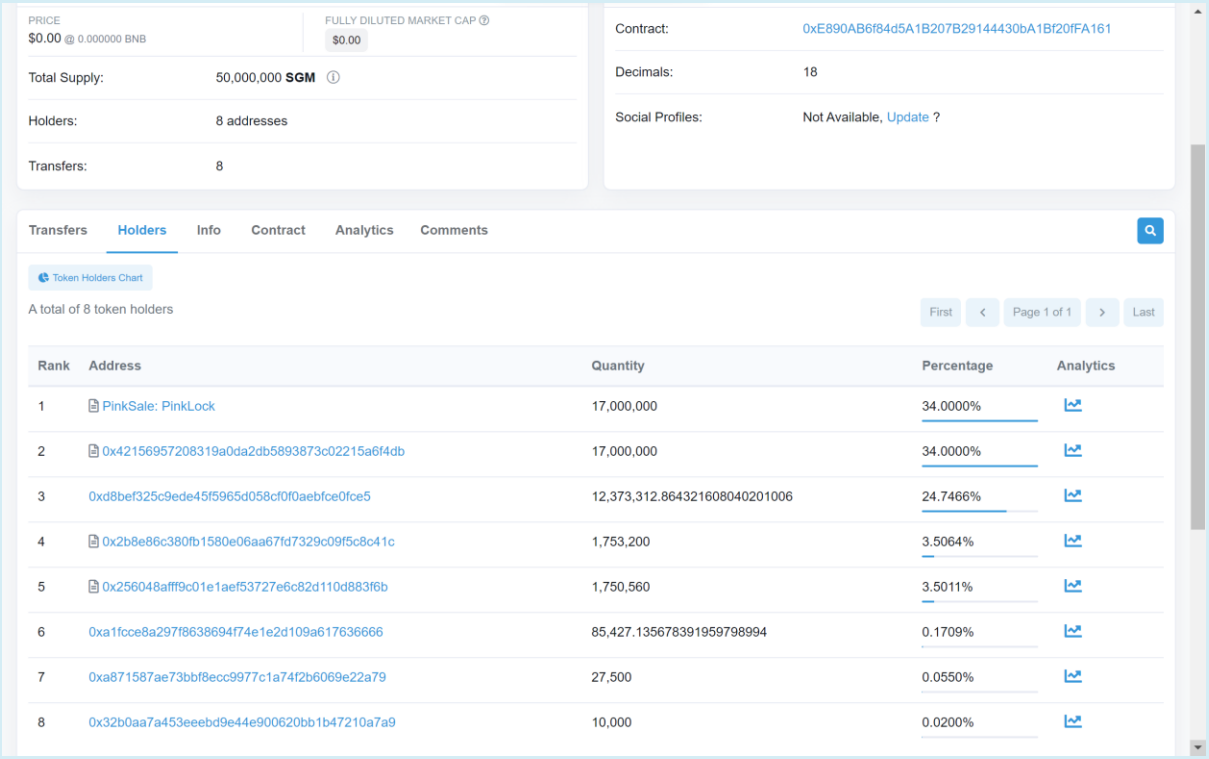
SMART CONTRACT REVIEW

Token Name	SIGMA
Token Symbol	SGM
Token Decimal	18
Total Supply	50,000,000 **SGM**
Contract Address	0xE890AB6f84d5A1B207B29144430bA1Bf20fFA161
Deployer Address	0xD8beF325C9edE45f5965d058CF0f0AeBfCe0FCe5
Owner Address	0xD8beF325C9edE45f5965d058CF0f0AeBfCe0FCe5
Tax Fees Buy	0%
Tax Fees Sell	0%
Gas Used for Buy	will be updated after the DEX listing
Gas Used for Sell	will be updated after the DEX listing
Contract Created	May-08-2022 08:42:29 AM +UTC
Initial Liquidity	*will be updated after the DEX listing*
Liquidity Status	Locked
Unlocked Date	*will be updated after the DEX listing*
Verified CA	Yes
Compiler	v0.8.4+commit.c7e474f2
Optimization	Enable with 200 runs
Sol License	MIT License
Top 5 Holders	*will be updated after the DEX listing*
Other	default evmVersion

TAX

BUY	0%	**SELL**	0%

TOP HOLDER



PRICE
$0.00 @ 0.000000 BNB

FULLY DILUTED MARKET CAP
$0.00

Total Supply:	50,000,000 **SGM**
Holders:	8 addresses
Transfers:	8

Contract:	0xE890AB6f84d5A1B207B29144430bA1Bf20fFA161
Decimals:	18
Social Profiles:	Not Available, Update ?

Transfers | Holders | Info | Contract | Analytics | Comments

Token Holders Chart

A total of 8 token holders

First | Page 1 of 1 | Last

Rank	Address	Quantity	Percentage	Analytics
1	PinkSale: PinkLock	17,000,000	34.0000%	
2	0x42156957208319a0da2db5893873c02215a6f4db	17,000,000	34.0000%	
3	0xd8bef325c9ede45f5965d058cf0f0aebfce0fce5	12,373,312.864321608040201006	24.7466%	
4	0x2b8e86c380fb1580e06aa67fd7329c09f5c8c41c	1,753,200	3.5064%	
5	0x256048afff9c01e1aef53727e6c82d110d883f6b	1,750,560	3.5011%	
6	0xa1fcce8a297f8638694f74e1e2d109a617636666	85,427.13567839195979899 4	0.1709%	
7	0xa871587ae73bbf8ecc9977c1a74f2b6069e22a79	27,500	0.0550%	
8	0x32b0aa7a453eeebd9e44e900620bb1b47210a7a9	10,000	0.0200%	

Team Review

The SIGMA team has a nice website, their website is professionally built and the Smart contract is well developed, their social media is growing with over 27,653 people in their telegram group (count in audit date).

OFFICIAL WEBSITE AND SOCIAL MEDIA

Website: https://read2earn.info/

Telegram Group: https://t.me/read2earn

Twitter: https://twitter.com/ReadToEarn

MANUAL CODE REVIEW

🟢 Minor-risk

1 minor-risk code issues found

Could be fixed, and will not bring problems.

1. The return value of an external transfer/transferFrom return value is checked. Recommendation: use SafeERC20, or ensure that the transfer/transferFrom return value is checked

```
function transferFrom(
        address sender,
        address recipient,
        uint256 amount
    ) external returns (bool);
```

🟡 Medium-risk

0 medium-risk code issues found

Should be fixed, could bring problems.

🔴 High-Risk

0 high-risk code issues found

Must be fixed, and will bring problem.

🔴 Critical-Risk

0 critical-risk code issues found

Must be fixed, and will bring problem.

EXTRA NOTES SMART CONTRACT

1. IERC20

```
interface IERC20 {
    /**
     * @dev Returns the amount of tokens in existence.
     */
    function totalSupply() external view returns (uint256);
...
    function balanceOf(address account) external view returns (uint256);
...
    function transfer(address recipient, uint256 amount) external returns (bool);
...
    function allowance(address owner, address spender) external view returns (uint256);
...
    function approve(address spender, uint256 amount) external returns (bool);
...
    function transferFrom(
        address sender,
        address recipient,
        uint256 amount
    ) external returns (bool);

    /**
     * @dev Emitted when `value` tokens are moved from one account (`from`) to
     * another (`to`).
     *
     * Note that `value` may be zero.
     */
    event Transfer(address indexed from, address indexed to, uint256 value);
...
}
```

IERC20 Normal Base Template

2. Ownable Contract

```
abstract contract Ownable is Context {
    address private _owner;

    event OwnershipTransferred(address indexed previousOwner, address indexed
newOwner);

    constructor() {
        _setOwner(_msgSender());
    }

    function owner() public view virtual returns (address) {
        return _owner;
    }

    modifier onlyOwner() {
        require(owner() == _msgSender(), "Ownable: caller is not the owner");
        _;
    }

    function renounceOwnership() public virtual onlyOwner {
        _setOwner(address(0));
    }

    function transferOwnership(address newOwner) public virtual onlyOwner {
        require(newOwner != address(0), "Ownable: new owner is the zero address");
        _setOwner(newOwner);
    }

    function _setOwner(address newOwner) private {
        address oldOwner = _owner;
        _owner = newOwner;
        emit OwnershipTransferred(oldOwner, newOwner);
    }
}
```

Normal Ownable contract

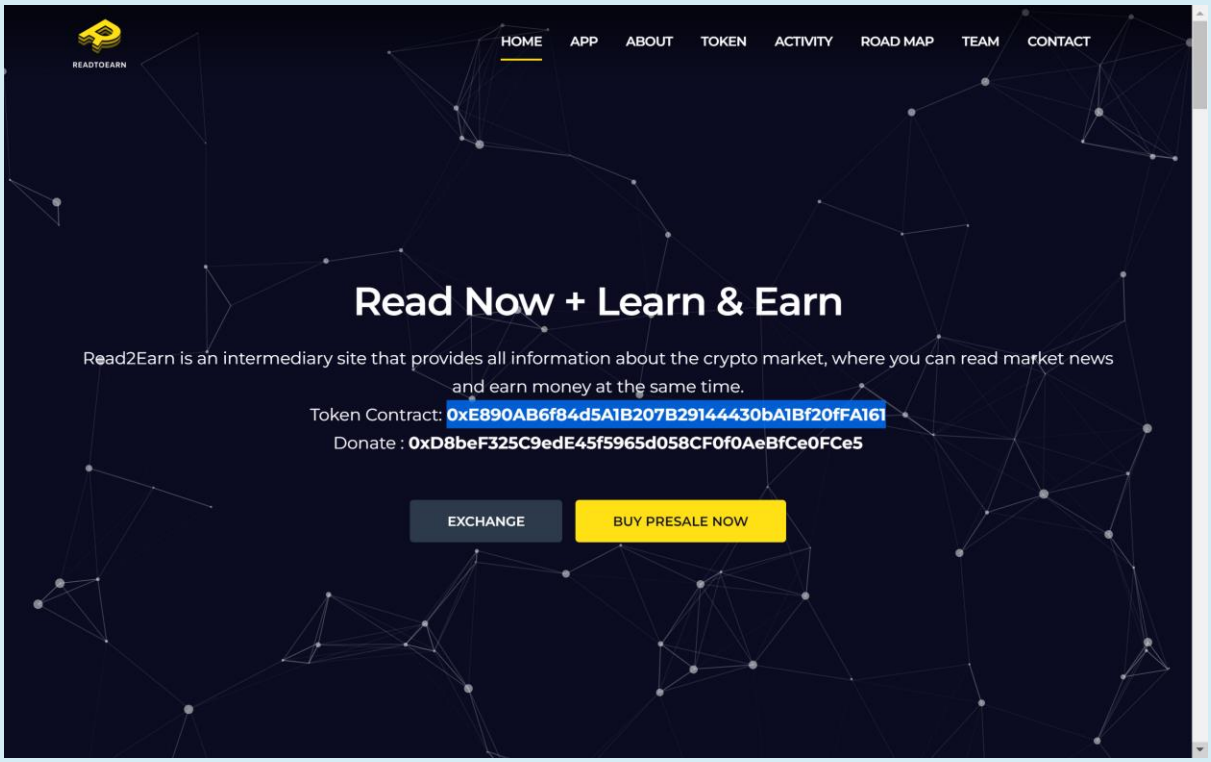
3. Contract AntiBotStandardToken

```
string private _name;
    string private _symbol;
    uint8 private _decimals;
    uint256 private _totalSupply;

    IPinkAntiBot public pinkAntiBot;
    bool public enableAntiBot;

    constructor(
        string memory name_,
        string memory symbol_,
        uint8 decimals_,
        uint256 totalSupply_,
        address pinkAntiBot_,
        address serviceFeeReceiver_,
        uint256 serviceFee_
    ) payable {
        _name = name_;
        _symbol = symbol_;
        _decimals = decimals_;
        _mint(owner(), totalSupply_);

        pinkAntiBot = IPinkAntiBot(pinkAntiBot_);
        pinkAntiBot.setTokenOwner(owner());
        enableAntiBot = true;

        emit TokenCreated(
            owner(),
            address(this),
            TokenType.antiBotStandard,
            VERSION
        );

        payable(serviceFeeReceiver_).transfer(serviceFee_);
    }

    function setEnableAntiBot(bool _enable) external onlyOwner {
        enableAntiBot = _enable;
    }

    /**
     * @dev Returns the name of the token.
     */
    function name() public view virtual returns (string memory) {
        return _name;
```

```
}

/**
 * @dev Returns the symbol of the token, usually a shorter version of the
 * name.
 */
function symbol() public view virtual returns (string memory) {
    return _symbol;
}

/**
 * @dev Returns the number of decimals used to get its user representation.
 * For example, if `decimals` equals `2`, a balance of `505` tokens should
 * be displayed to a user as `5,05` (`505 / 10 ** 2`).
 *
 * Tokens usually opt for a value of 18, imitating the relationship between
 * Ether and Wei. This is the value {ERC20} uses, unless {_setupDecimals} is
 * called.
 *
 * NOTE: This information is only used for _display_ purposes: it in
 * no way affects any of the arithmetic of the contract, including
 * {IERC20-balanceOf} and {IERC20-transfer}.
 */
function decimals() public view virtual returns (uint8) {
    return _decimals;
}

/**
 * @dev See {IERC20-totalSupply}.
 */
function totalSupply() public view virtual override returns (uint256) {
    return _totalSupply;
}
```

Normal Contract with AntiBot

WEBSITE REVIEW



- **Mobile Friendly**
- **Contains no code error**
- **SSL Secured (By Cloudflare SSL)**

Web-Tec stack: jQuery (need update to latest version), bootstrap, Cloudflare, Bluehost

Domain .info - (namecheap) - Tracked by whois

First Contentful Paint:	1.0s
Fully Loaded Time	5.6s
Performance	64%
Accessibility	94%
Best Practices	75%
SEO	82%

RUG-PULL REVIEW

Based on the available information analyzed by us, we come to the following conclusions:

- Locked Liquidity (*not presale yet*)

  (*Will be updated after DEX listing*)

- TOP 5 Holder

  (*Will be updated after DEX listing*)

- The team is not yet KYC

  (*Will be updated after DEX listing*)

HONEYPOT REVIEW

- Ability to sell
- The owner is not able to pause the contract
- The owner cannot change the tax

Note: Please check the disclaimer above and note, that the audit makes no statements or warranties on the 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 the project owner.