



BlockSAFU

ADVANCE MANUAL SMART CONTRACT AUDIT



Project: TetherMint Finance

Website: www.tethermint.finance



BlockSAFU Score: 85

will be updated after DEX listing

Contract Address:

0x2D05E37Fe16909424F19ef8D135898667263d487

Disclaimer: BlockSAFU is not responsible for any financial losses.
Nothing in this contract audit is financial advice, please do your own reasearch.

DISCLAIMER

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 at the date of this report. In order to understand the full scope of our analysis, it is vital for you to at the date of this report. In order to understand the full scope of our analysis, it is vital for you 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 own 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 which reviews Smart Contracts and Token information to Identify Rug Pull and Honey Pot scamming activity. BlockSAFU's Development Team consists of a number of Smart Contract creators, Auditors Developers and Blockchain experts. BlockSAFU provides solutions, prevents and hunts down scammers. BSAFU is utility token with features are Audit, KYC, Token Generators and Bounty Scammers. It will enrich the crypto ecosystem.

OVERVIEW

BlockSAFU was commissioned by TetherMint Finance 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	TetherMint Finance
Token Symbol	\$TMF
Token Decimal	5
Total Supply	100,000,000 \$TMF
Contract Address	0x2D05E37Fe16909424F19ef8D135898667263d487
Deployer Address	0x1Cb03c51e96012DaC1AfF3719971fB14f2542B6f
Owner Address	0x1Cb03c51e96012DaC1AfF3719971fB14f2542B6f
Tax Fees Buy	16%
Tax Fees Sell	16%
Gas Used for Buy	<i>will be updated after DEX listing</i>
Gas Used for Sell	<i>will be updated after DEX listing</i>
Contract Created	Apr-18-2022 02:06:31 AM +UTC
Initial Liquidity	<i>will be updated after DEX listing</i>
Liquidity Status	Locked
Unlocked Date	Apr-18-2022 02:06:31 AM +UTC
Verified CA	Yes
Compiler	v0.7.6+commit.7338295f
Optimization	Disable with 200 runs
Sol License	MIT License
Top 5 Holders	<i>will be updated after DEX listing</i>
Other	default evmVersion

TOKENOMICS

BUY & SELL	
Liquidity Protocol	2%
Sustainability Protocol	4%
Incenerator Pit	1%
Treasury Vault	2%
USDT Reflector	7%

TOP HOLDER

Overview BEP-20

PRICE: \$0.00 @ 0.000000 BNB

FULLY DILUTED MARKET CAP: \$0.00

Total Supply: 100,000,000 **\$TMF**

Holders: 2 addresses

Transfers: 7

Profile Summary

Contract: 0x2d05e37fe16909424f19efBd135898667263d487

Decimals: 5

Social Profiles: Not Available, Update ?

Advertise your brand here! Start Today

Transfers Holders Info Contract Analytics Comments

Token Holders Chart

A total of 2 token holders

Rank	Address	Quantity	Percentage	Analytics
1	0x4602d36a3040ab1fd9df01e3773b9741e81d34c4	61,200,000	61.2000%	📊
2	0x1cb03c51e96012dac1aff3719971fb14f2542b6f	38,800,000	38.8000%	📊

Team Review

The TetherMint Finance team have a nice website, their website is professionally built and the Smart contract is well developed, their social media is growing with over 66 people in their telegram group which could use more activity (count in audit date).

OFFICIAL WEBSITE AND SOCIAL MEDIA

Website: <https://www.tethermint.finance/>

Telegram Group: <https://t.me/TetherMintBSC>

Twitter: <https://twitter.com/TetherMintBSC>

Instagram: <https://www.instagram.com/tethermintBSC>

Discord: <https://discord.com/invite/Z28ja797KA>

Reddit: <https://www.reddit.com/r/TetherMint>

MANUAL CODE REVIEW

● Minor-risk

2 minor-risk code issues found

Could be fixed, will not bring problems.

```
uint256 public minPeriod = 1 hours;
uint256 public minDistribution = 10000 * (10 ** 5);

function setDistributionCriteria(uint256 _minPeriod, uint256
_minDistribution) external authorized {
    distributor.setDistributionCriteria(_minPeriod,
_minDistribution);
}
```

The Owner Can set reward distribution by min period and min distribution (no maximum limit)

```
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);
```

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



● 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. Safemath

```
library SafeMath {
    function add(uint256 a, uint256 b) internal pure returns
(uint256) {
        uint256 c = a + b;
        require(c >= a, "SafeMath: addition overflow");

        return c;
    }

    .....

    function mod(uint256 a, uint256 b, string memory
errorMessage) internal pure returns (uint256) {
        require(b != 0, errorMessage);
        return a % b;
    }
}
```

The contract has a standard safemath library for mathematics calculation function on solidity

2. IBEP20 Interface

```
interface IBEP20 {
    function totalSupply() external view returns (uint256);
    function decimals() external view returns (uint8);
    function symbol() external view returns (string memory);
    function name() external view returns (string memory);
    function getOwner() external view returns (address);
    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);
    event Transfer(address indexed from, address indexed to,
uint256 value);
    event Approval(address indexed owner, address indexed spender,
uint256 value);
}
```

The Contract have standard BEP20 token template (interface)

3. Contract Auth

```
abstract contract Auth {
    address internal owner;
    mapping (address => bool) internal authorizations;

    constructor(address _owner) {
        owner = _owner;
        authorizations[_owner] = true;
    }

    /**
     * Function modifier to require caller to be contract owner
     */
    modifier onlyOwner() {
        require(isOwner(msg.sender), "!OWNER"); _;
    }
    .....

    /**
     * Transfer ownership to new address. Caller must be owner. Leaves
     old owner authorized
     */
    function transferOwnership(address payable adr) public onlyOwner {
        owner = adr;
        authorizations[adr] = true;
        emit OwnershipTransferred(adr);
    }

    event OwnershipTransferred(address owner);
}
```

The Contract have standard auth contract,
The contract owner can be transfer ownership to other address

4. Contract TetherMintFinance

```
address WBNB = 0xbb4CdB9CBd36B01bD1cBaEaF2De08d9173bc095c;
address DEAD = 0x0000000000000000000000000000000000000000dEaD;
address ZERO = 0x0000000000000000000000000000000000000000;

string constant _name = "TetherMint Finance";
string constant _symbol = "$TMF";
uint8 constant _decimals = 5;

mapping (address => uint256) _rBalance;
mapping (address => mapping (address => uint256)) _allowances;

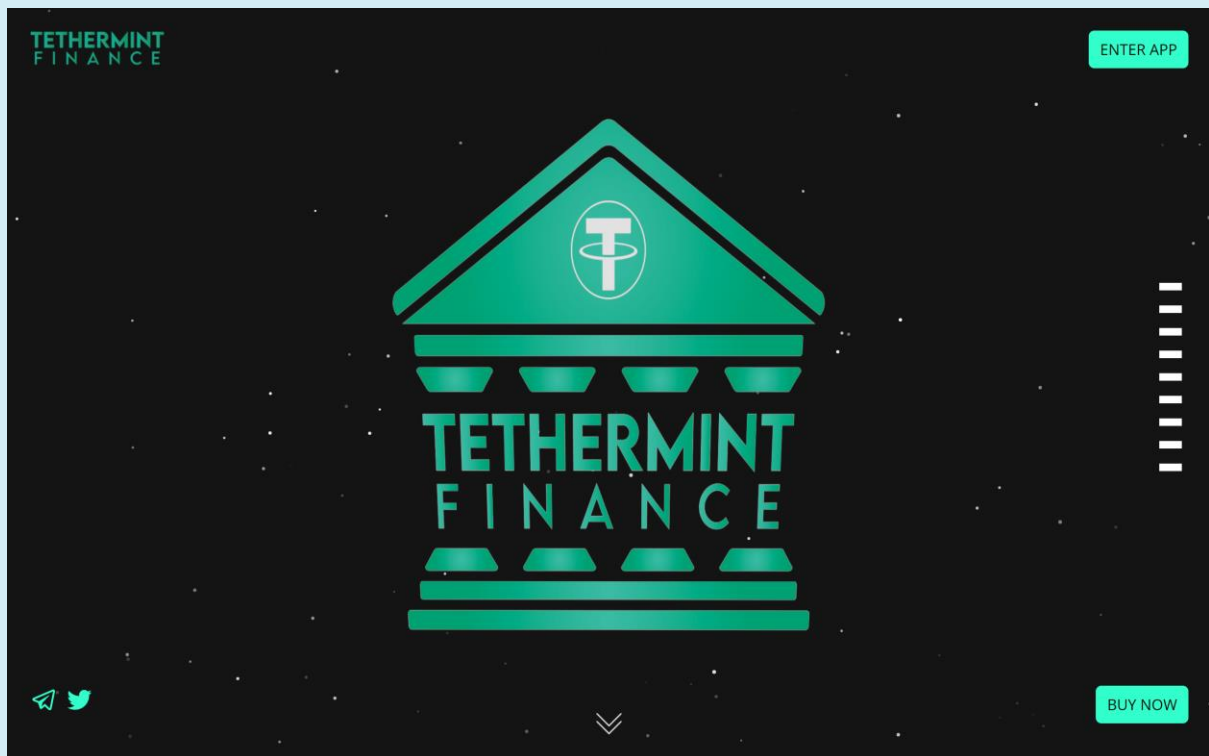
mapping (address => bool) public isFeeExempt;
mapping (address => bool) public isDividendExempt;

uint256 public TMFLiquidityProtocolFee = 20;
uint256 public TMFSustainabilityProtocolFee = 40;
uint256 public USDTReflectorFee = 70;
uint256 public TMFTreasuryFee = 20;
uint256 public TMFIncineratorFee = 10;
uint256 public totalFee = TMFSustainabilityProtocolFee
+ TMFTreasuryFee + USDTReflectorFee + TMFLiquidityProtocolFee +
TMFIncineratorFee;
uint256 public feeDenominator = 1000;
uint256 public sellFee = 16;

address public TMFTreasuryFeeReceiver;
address public TMFSustainabilityFeeReceiver;
address public TMFAutoLiquidityReceiver;
```

Standard Function

WEBSITE REVIEW



- **Mobile Friendly**
- **Contains no code error**
- **SSL Secured (By Let's Encrypt SSL)**

Web Tec stack: React, Next js, Vercel

DOM Content Loaded	1.07 s
Load	1.82 s
Performance	79%
Accessibility	86%
Best Practices	83%
SEO	80%

RUG-PULL REVIEW

Base on the available information analysed by us, we come to the following conclusions:

- Locked Liquidity

(Will be updated after DEX listing)

- TOP 5 Holder: *will be updated after DEX listing*
- Team KYC by ContractWolf

HONEYPOT REVIEW

- Ability to sell
- Owner is not able to pause the contract
- Fixed Tax

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 the project owner.