



June 26, 2024

# Express Audit Report for Blotix [BLX]

DISCLAIMER: This is an automatically generated audit performed with De.Fi Scanner tool. De.Fi smart contract auditing tool is intended to assist in identifying potential vulnerabilities or malicious functions in smart contracts. While this is done to our best effort and knowledge, please notice that no tool can guarantee complete accuracy or comprehensiveness in detecting all possible vulnerabilities.



## Project Summary

<b>Project Name</b>	ERC20(Blotix)
<b>Address</b>	<a href="#">0x5905c0290e59afdbc42a5480add9bd7b20cb3759</a>
<b>Network</b>	1

Issue ID	184
Severity	🔴 Optimization
Status	High
Description Code	<pre>function transfer(address _to, uint256 _value) public returns (bool) { _transfer(msg.sender, _to, _value); return true; }</pre>
Location	transfer(address,uint256) should be declared external: - ERC20.transfer(address,uint256) (BLX.sol#31-34)

Issue ID	184
Severity	🟡 Optimization
Status	High
Description Code	<pre><b>function transferFrom</b>(address _from, address _to, uint256 _value) <b>public returns</b> (bool) {   require(_value &lt;= allowance[_from][msg.sender],   "Insufficient allowance");   allowance[_from][msg.sender] = allowance[_from]   [msg.sender] - _value;   _transfer(_from, _to, _value);   <b>return true</b>; }</pre>
Location	<p>transferFrom(address,address,uint256) should be declared external: - ERC20.transferFrom(address,address,uint256) (BLX.sol#36-41)</p>

Issue ID	184
Severity	🔴 Optimization
Status	High
Description Code	<pre><b>function approve</b>(address _spender, uint256 _value) <b>public returns</b> (bool) {   allowance[msg.sender][_spender] = _value;   <b>emit</b> Approval(msg.sender, _spender, _value);   <b>return true</b>; }</pre>
Location	approve(address,uint256) should be declared external: - ERC20.approve(address,uint256) (BLX.sol#43-47)