



BINANCE
SMART CHAIN

Security Audit

ALPACA MINER

Website: <https://multiminer.finance/alpaca>

Contract:

<https://bscscan.com/address/0xb1687c2d92c5242ebfa8c7fcc421aa35d349099d#code>

Haze Security

10/10/2021



CRITICAL ISSUES (critical, high severity): 0

Critical and harmful access for owners, user block ability, Bugs, and vulnerabilities that enable theft of funds, lock access to funds without possibility to restore it or lead to any other loss of funds to be transferred to any party.

ERRORS, BUGS AND WARNINGS (medium, low severity): 0

Bugs can negatively affect the usability of a program, errors that can trigger a contract failure, Lack of necessary security precautions, other warnings for owners and users, warning codes that are valid code but the compiler thinks are suspicious.

OPTIMIZATION (low severity): 0

Methods to decrease the cost of transactions in Smart-Contract.

RECOMMENDATIONS (very low severity): 0

Hint and tips to improve contract functionality and trustworthiness.

Conclusion:

In the **ALPACA MINER** Smart-Contract were found no vulnerabilities, no backdoors, and no scam scripts.

The code was tested with compatible compilers and simulate manually reviewed for all commonly known and specific vulnerabilities.

So **ALPACA MINER** Smart-Contract is safe for use in the Binance Smart Chain main network.

Independent description of the smart-contract functionality

The **ALPACA MINER** smart contract provides the opportunity to invest any amount in ALPACA Token in the contract and get daily profit on investment if the contract balance has enough funds for payment.

- ❖ The system used is similar to ROI with more sustainability and must be considered as HIGH-RISK. Do always invest with proper knowledge and investigation
- ❖ Dividends are paid from deposits of users.
- ❖ All dividends are calculated at the moment of request and available for withdrawal anytime

Contract Owners Fee

Deposit (BuyEggs) Fee:	10%
Withdraw (SellEggs) Fee:	10%

INVESTMENT PLAN

The basic interest rate based on the audit date is 2.83% daily.

- ❖ The daily rate will be changed based on the deposit and withdrawal of the other users.
- ❖ For example:
 1. The current parameters (Sun Oct 10 2021 09:29:05 GMT+0000):
 - contract balance: 2036 Alpaca
 - market eggs: 1,343,344,037,307
 2. if a user tries to deposit 1 Alpaca token
 3. he will receive about 140 miners
 4. miners will produce 20,774,400 eggs daily
 5. daily produced eggs are equal to 0.0283 Alpaca token
 6. the user can withdraw or compound it

Deposit (Buy Miner)

Users can buy miners by Alpaca token. Miner price will be calculated at the time of deposit.

Miner Price Formula: Deposit amount / (Deposit amount + Contract Balance) * Market Eggs

Miners will produce eggs and users can sell eggs to earn profit.

Miners will work forever and users can withdraw profit until the contract has enough balance.

Market Eggs

It is an amount that will be defined in the initial of the contract and will be changed by deposit, withdrawal and compound.

- The initial amount is: 246844800000
- 20% of each deposit or compound will be added to “Market Eggs”
- The withdrawal amount will be added to “Market Eggs”
- Increased of the “Market Eggs” will reduce the daily rate and increase sustainability

Withdraw (Sell Eggs)

Users can sell eggs produced by the miners.

Withdraw amount(Alpaca) Formula: user eggs / (user eggs + Market Eggs) * Contract Balance

User eggs: each miner will produce one egg each second

- ❖ Miners produce eggs maximum of 28.5 days, users should try to withdraw or compound their produced eggs. After withdrawal or compound, miners will start working again.
- ❖ Users can withdraw or compound many times without any limit

Compound (hatch Eggs)

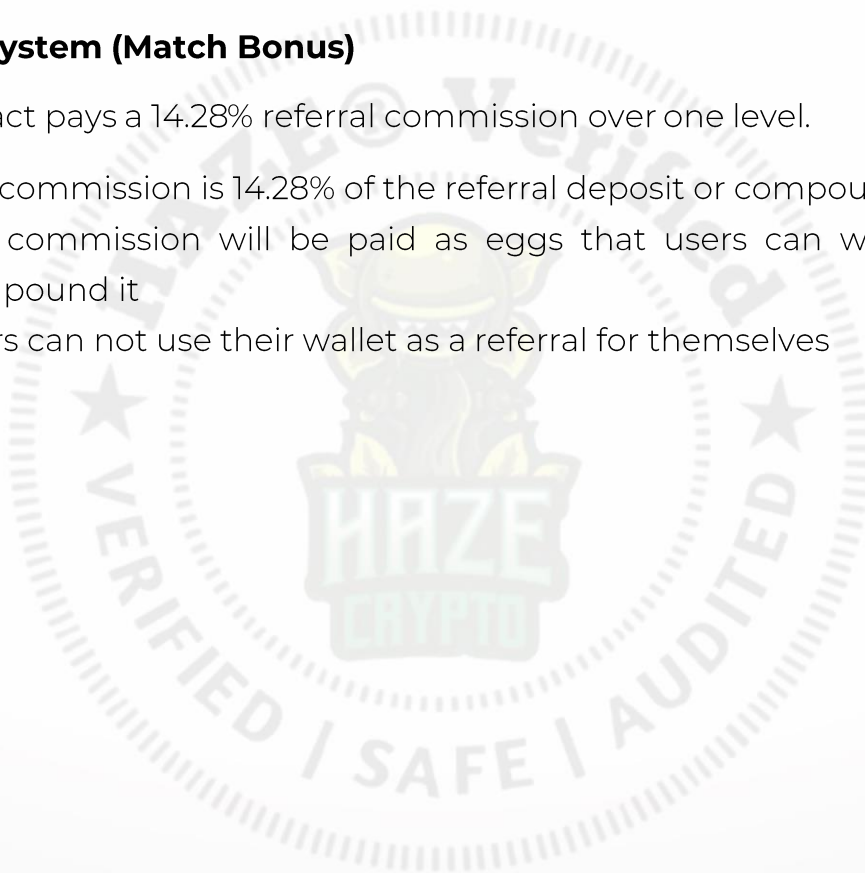
Users can compound their available eggs and buy more miners.

- ❖ Miner price will be calculated based on the mentioned formula in the deposit section and real-time numbers of market eggs and contract balance

Referral System (Match Bonus)

The contract pays a 14.28% referral commission over one level.

- ❖ The commission is 14.28% of the referral deposit or compound eggs
- ❖ The commission will be paid as eggs that users can withdraw or compound it
- ❖ Users can not use their wallet as a referral for themselves



Disclaimer:

This audit is only to the Smart-Contract code at the specified address.

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Haze Security is a 3rd party auditing company who works on audits based on client requests. And as a professional auditing firm, we check on the contract for any vulnerabilities, backdoors, and/or scam scripts.

Therefore:

We are not financial advisors nor do we partner with the contract owners

Operations and website administration is fully on the client's side

We do not have influence over client operations, which can lead to website changes, withdrawal function closes, etc. One always has the option to do this through the contract.

Any concerns about the project themselves need to be raised directly to the project owners and not through Haze Security.

Investors are not in any way obliged, coerced or influenced to invest in projects audited by Haze Security.

We are not responsible for your funds or guarantee you profits.

We highly recommend that investors do their own research and gain crypto experience before investing

To report any scam, malpractices and irregularities, please send a message via Telegram to @Haze013 or @Sara_Solidity for blacklisting.

Haze Security

10/10/2021

If you are interested in developing/auditing of Smart-Contracts, please contact us.

Admin: [@Haze013](#)

Auditor: [@Sara_Solidity](#)

All official info available:

Website: <https://hazecrypto.net/alpacaminer>

Telegram Channel: t.me/HazeCrypto

Telegram Community: t.me/HazecryptoCommunity

Twitter: twitter.com/HazeCryptoTM

Instagram: instagram.com/HazeCryptoTM

