

Certificate of Blockchain Timestamp Verification

Strain Name:

Pineapple God

Sample Name:

Pineapple_God__LeafSpot__20241120

Registrant:

Zamir Punja

Stamped FileName:

RSP13262_blockchain.vcf.gz



Stamped File SHA-256 Hash:

3539a3eadb4b243517e3a8818464645fbcf5ff2a8e3b4cfcfaed7dcd2b05b9c7

OTS File:

RSP13262_blockchain.vcf.gz.ots



OTS SHA-256 Hash:

b6ede512eae1c9a033fd696491e50a3946f97e2459bc680db56896997c31d5e1

Block	Date	Transaction ID	Merkle Root	Verified	QR
875352	2024-12-18	00000000...9a79d5b2	f6adeabf...0315a0c5	✓	
875353	2024-12-18	00000000...da83d397	d1b63ba3...a0f70181	✓	
875382	2024-12-19	00000000...6905ccb4	8c255405...182bbd2c	✓	
875392	2024-12-19	00000000...6e13bdf0	7d204afa...e75d6771	✓	

Success! Your file is blockchain-stamped

2024-12-19 04:43:32 UTC



OTS File Hex Contents (copy/paste friendly)

```
004f79656e54696d657374616d7073090950726f6f690bf99e2e884e8929461883539a3eaddb4b243517e3a8818464645fbcf5ff2a8e3b4cfcfaed7dc2b65b9c7f0105af3d411741d6254fb29c9fe78ad688888fffe191bffa2d75267b6b1bf6397cb1218b5f288f1
207c5eae8d7721bc195813f2411574ed339430a43fca359053cd57c19c4ae665780f020b2be25c93531aa1511849c49b6b63f29338a473a6b0b44b0ac8a1167501050df08f0204279c19d6bde2a781841bb190bdfc5b4ddbabbeccab9c04119fc47cb0f38cc1608f1
94676330c7f908525dd6d983a9fc59083dfe30d2ef99c8e2e2d68747470733a2f2f616c6963652e6274632e63616c656e461722e6f70656e74896d657374616d70732e6f7267fff01031d8b237e410abe0066f6f5ed5feca4b08f02087bb82d0cddf0be2c2f2ee27
fb24c6bb70b157819b2fc828db08c8287a063ad608f120bb61c5df3bb7f440636cab7092bfab1be5a8094225f90b0984719364f33b31d208f104676330c6f9082f2ca4dcd4c09a9e0083dfe30d2ef99c8e292868747470733a2f2f66696e6e65792e63616c656e461
722e657465726e69747977616c6c2e636fdfff01091ab9c9a5109c456a6f99f45308eac3208f1209f4c49187bc7464891a1f5e81538c5736437bf9421715dcd10049b0bde890fb708f104676330c6f908d6447a363a3a0a60083dfe30d2ef99c8e23226874747073
3a2f2f6274632e63616c656e461722e636174616c6c6178792e636fdff0109c5ebe224310c692bf52b74760840fb708f120fb3171dd8f2ad9a73881d87de5fc35c57045adb2162ce29c17d41219b12f967e08f104676330c6f908b26ac84714f58fd00083dfe30d2e
f90c8e2c2b68747470733a2f2f626f622e6274632e63616c656e461722e6f70656e74696d657374616d70732e6f7267
```

What is this?

The OTS file detailed above can be downloaded with the provided link, but in the event that the OTS file is no longer available for download, it can be recreated using the above HEX textblock.

1. Copy/paste this into a text file, e.g., RSP13262_ots.hex
2. Convert this to an .ots file using a webserver:

https://tomeko.net/online_tools/hex_to_file.php

Alternatively, use the command line:

```
xxd -r -p RSP13262_ots.hex > RSP13262_blockchain.vcf.gz.ots
```

Example: Successfully Validated OpenTimestamps file

Using your stamped file and corresponding OTS file, validate at:

<https://opentimestamps.org/#stamp-and-verify>

This stamp verifies the file's existence at a specific point in time. Validation can be done independently of Medicinal Genomics® using open-source tools. The necessary OTS file to perform this validation can be recreated from this PDF. Medicinal Genomics® does not guarantee that the stamped file will be hosted on their servers indefinitely. Therefore, it is strongly recommended that owners download and securely retain their stamped files.

STAMP & VERIFY

↓

RSP13374_blockchain.vcf.gz.upgraded.ots 3.8 kB
Stamped SHA256 hash: cd0b4063920ace783fe9c86fe1a6afab3c75891a55bb3b4601b14d1cc246f272

↓

RSP13374_blockchain.vcf.gz 2.2 GB
SHA256: cd0b4063920ace783fe9c86fe1a6afab3c75891a55bb3b4601b14d1cc246f272

✓ SUCCESS!

Bitcoin block 894096 attests existence as of 2025-04-26 EST

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