

Certificate of Blockchain Timestamp Verification

Strain Name: Powdered Donuts

Sample Name: Powdered_Donuts__AutoM-Fort-Stem__20241120

Registrant: Zamir Punja

Stamped FileName: [RSP13270_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: 9b9d11b4af9e0440fe294a8e8b910f956f3c609f56a78340fb4c9cf6b2901340

OTS File: [RSP13270_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: 983719b7e40810607dbd5a06f49f65a6837027f75e30888ddeb67df65b891be1

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)

```
004f79656e54606d657374616d7073000050726f6600bf99e2e884e8929481089b9d11b4af9e040fe294a8e8b910f956f3c609f56a78340fb4c9cf6b2961340f010349057ec9f2a8b1ce8c29705dca34fd08fffb1054b114ee30994ff86d87a5dca5315400ef1
20ee7902e34c9022e9b7db2bba95b8b85b0e5fa019154ee8a5a41e2ed31f1f5c08f020cc101187dd0e46086a65a96f332019a070e9e99a10e2ea81555024b3e523ec7b08f104676330c0f0082f2ca4dc4c09a9e0003df030d2ef90c0e292068747470733a2f2f66
696e6e5792e63616c656e6461722e657465726e697470777616c6c2e636f6dfff0107519afeba8e0ada15c29611a70a0b000f020960c414cb143a2ac13569b7e585d05fe22e75d5dd467395d218a2111498f4caa08f020b2be25c93531aa1511049c49b6b83f2033
8a473a6b8b44b8ac8a1167581050df08f0204279c19d6bde2a781641bb190b0dfc5b4ddbabbecab0c94119fc47c0bf38cc1608f104676330c7f908525d6d083a9fc50883dfe30d2ef90c8e2e2d68747470733a2f2f616c6963652e6274632e663616c656e6461722e
6f70656e74696d657374616d70732e6f7267fff010b5c2cd1a5582e541fff2579e523d1fbd208f020662b3fc3cad6bb22a5296cfeaa842a9b2b268718f17e3c1781ac1a930ccb10cb08f104676330c6f008b26ac84714f58fd00083dfe30d2ef90c8e2c2b6874747073
3a2f2f626f622e6274632e63616c656e6461722e6f70656e74696d657374616d70732e6f7267f010d24707a59781392d468c0b430871461b08f128da0893462bf670acd0c6578bd4211ce56925de24fb6f5729605f8cba83a92608f0209d1537f45b07a7abc10e1
218c79ae74dd6b1a5f3eeab028c65fc9dd061007408f104676330c6f008d64a47a363a3a0a60083dfe30d2ef90c8e232268747470733a2f2f6274632e63616c656e6461722e636174616c6c6178792e636f6d
```

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., RSP13270_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 RSP13270_ots.hex > RSP13270_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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