

Certificate of Blockchain Timestamp Verification

Strain Name: Powdered Donuts

Sample Name: Powdered_Donuts__AutoRS-Fort-Root__20241120

Registrant: Zamir Punja

Stamped FileName: [RSP13267_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: [672c38ad7294843c3cdd1120303a3f1cafd2035e98ed28d8bbf7a729350bfa7b](#)

OTS File: [RSP13267_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: [c1ffedb910356fdacd667aa4d7bf3efb2be209a6a0e3cf44bcdf0c9a193eb809](#)

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)

```
004ff79650e54696d657374616d7073000050726f66e00bf99e2e884e892948100672c38ad7294843c3cdd1120303a3f1caf2035e90ed28d9bf7a729350bfa7bf01000480328a0d781e3c422766fb4f6627708fffe105fbd93deba4bb31cf553240915714b4508f0
20d60b01da80ea5050816f52503e9cef625ba8720a26bf0e8a62217182f9a97c0d06f020cc1437ea22bf61b6ecc0d6196af16c73d9418296a0153b7c4650040a6ec0936d08f10467632ffcf0006cd563e52c92e2ee0083dfc30d2ef90c0e292008747470733a2f2f66
696e6e5792e63616c656e6461722e657465726e69747077616c6c2e636f6dfff610724b642bc30f767a6fa461c0c5b7b0b908f10467632ffcf000870b54fec2aa1782b0083dfe30d2ef90c0e232268747470733a2f2f6274622e63616c656e6461722e636174616c6c
6178792e636f6dfff610d0df54728e74546e0f7d74a84337091908f12039f286b4e39ec71fd47c70f72246110ba0682a84d9e0940bd0ac09fa2239064b708f02061d8c0e36efdd4cc0b61b9224a537c63a72d0de1f654f7e97a1dd2ec0e782c5a08f10467632ffcf008
82cb591d716d8cc9083dfe30d2ef90c0e2e2d68747470733a2f2f616c6963652e6274632e63616c656e6461722e6f70656e74696d657374616d70732e6f7267f010e34cf76cd70e6609ced6799a53ed5c8408f10467632ffcf008994fedca0e3605810083dfe30d2e
f90c8e2c2b68747470733a2f2f626f622e6274632e63616c656e6461722e6f70656e74696d657374616d70732e6f7267
```

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., RSP13267_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 RSP13267_ots.hex > RSP13267_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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