

Certificate of Blockchain Timestamp Verification

Strain Name: Powdered Donuts

Sample Name: Powdered_Donuts__Auto-Fort-Root__20241120

Registrant: Zamir Punja

Stamped FileName: [RSP13265_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: 5ae4f70755f316bfcf89e935799806bb2925784374520fa0991807e3cdee4a06

OTS File: [RSP13265_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: 2ee5e54b840f48d428093d55d0a733fde103746561d6897a3543ed6a2df047dc

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)

```
004f70656e54696d657374616d7073000050726f66690bf99e2e884e8929481085ae4f70755f316bfcf89e935799806bb2925784374520fa0991007e3cdee4a06f0104ef936295f5bbc16932b81e7dcfed69808fffb100eebe1c3f188af5db8ed2cbe46fe34de08f1
20eee3d64cd6fa523e6e17d0b74ced611d5fef6c9e0bca8b5e07af17e942438f1a08f020bc9ca25480a42d4b2d5d58a5442f00027da6f910934d9c5b0f58cbda31c88db08f1048783301cf0009b4a04aebfb753000083dfc30d2ef90c8e2c2d68747470733a2f2f61
6c6963652e6274632e63616c656e64617220e6f70656e74696d657374616d70732e6f7267fff0108086bccb47514354a837d3c3528a8b7cc08f120463b45c63f1ebcf2ab3152de0410c9a3b0464d035289b3e009beb7262ecb3b9508f1046763301bf000d6d6d274aead
c3e30083dfe30d2ef90c8e2c22d68747470733a2f2f6274632e63616c656e64617220e636174616c6c6178792e636f6dfff01080d7aa462c3a21c9192a4f29e23d90b008f120f54b892738dc29ed73821f9ee9ff35295cc7adea570963dfa2b07741f528171a08f10467
63301bf00822f0c3423c83b3b70083dfe30d2ef90c8e2c2b68747470733a2f2f626f622e6274632e63616c656e64617220e6f70656e74696d657374616d70732e6f7267f010c9cadd6a918ea0879ed2a140eb03587108f020939943b2cd8ab6c478583b343eb342c213
d81b98babcfa176b6a48bec88f777608f120e2ba3b9e586515c8c8f0e25df21df6ac86e686443cd2892c2fdd5a6ecd0de27c08f1046763301bf0082c02d178da8366900083dfe30d2ef90c8e292868747470733a2f2f66696e6e65792e63616c656e64617220e657465
726e69747977616c6c2e636f6d
```

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., RSP13265_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 RSP13265_ots.hex > RSP13265_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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