

# Certificate of Blockchain Timestamp Verification

Strain Name:

Powdered Donuts

Sample Name:

Powdered\_Donuts\_\_Auto-Fort-Stem\_\_20241120

Registrant:

Zamir Punja

Stamped FileName:

RSP13266\_blockchain.vcf.gz



Stamped File SHA-256 Hash:

00c347de05ff21c2c8a08ccf541817212edb5308a5936e51c0ba8370d15864ce

OTS File:

RSP13266\_blockchain.vcf.gz.ots



OTS SHA-256 Hash:

e718d2dfb0fe9f69899a3461be077133f049d11b2826c5140e44645deef80230

| 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)

```
004f79656e54696d657374616d7073000050726f66e00bf99e2e884e89294618898c347de05ff21c2c8a08ccf541817212edb5388a5996e51c9ba8370d15864cef8106c7953693c3df4ce63368728a9ae10ed08fffe1029bed9b63306b46e0df65fd24165cb208f9
209eb3c24325c839e093bf8a66c275755dddb7bc1e0f43bd603746ce546cd405b08f020677f44004c24d6baec1c00a62afe32352b908d7c0d4d483c9131fbcc6e9bed4908f02043383e08bf89bc2c27ae447f1fe3b008e7d5cbacd7f832132698538ca10b4d708f1
94676330ca908e9e822d61c290fda0803df3e0d2ef90c9e2e2d60747470733a2f2f616c6963652e6274632e63616c656e461722e6f70656e74896d657374616d70732e6f7267fff0103281ee09b58ace75d0208a3899570ca708f020ae2cae67789e128fd1a4dfd66
e30d481ed32c84b1dbf773b78846fea49e4256db08f104676330c9f00893e5275ba20cd6970883dfe30d2ef90c9e2c2b68747470733a2f2f626f622e6274632e63616c656e461722e6f70656e74896d657374616d70732e6f7267fff01044e670ba8bb44aa1685e05
c15a53320408f020244b3b93294a681a511190daa46d0867deceea36f973e3f2e06cef93b3d9495a08f104676330c9f0080b4588379e97dc3a0083dfe30d2ef90c9e232268747470733a2f2f6274632e63616c656e461722e636174616c6c6178792e636fd6f010ae
81a8c17be9927229dfc0699ace5c0808f0200db07c1e3f02fde3f95570cf13ddcd47d28dbbb268cf9a5d19a113def9b1e00f08f1202f7d7c8f0c2ba65d8933dedd32eba0958fda71c231bfada4788e2279e1b61f5a08f104676330c9f0081280b342cc5851c30083df
e30d2ef90c9e292868747470733a2f2f66696e6e65792e63616c656e461722e65726e69747977616c6c2e636fd
```

## 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., RSP13266\_ots.hex
2. Convert this to an .ots file using a webserver:

[https://tomeko.net/online\\_tools/hex\\_to\\_file.php](https://tomeko.net/online_tools/hex_to_file.php)

Alternatively, use the command line:

```
xxd -r -p RSP13266_ots.hex > RSP13266_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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