

Certificate of Blockchain Timestamp Verification

Strain Name: Powdered Donuts

Sample Name: Powdered_Donuts__AutoM-Fort-Root_20241120

Registrant: Zamir Punja

Stamped FileName: [RSP13269_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: 68a228126a95abb432c9af971204f94163c8dc470c254f5b5a9e6ca3a3c27dbc

OTS File: [RSP13269_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: e47ab2f9be8fe81f7a793239fb1c6164675595fe58967493c450cc96c9e11933

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)

```
004f78656e54696d657374616d7073000050726f66690bf99e2e884e89294818868a228126a95abb432c9af971204f94163c8dc478c254f5b5a9e6ca3a3c27d0cfc0100290dd46787f72ae2d92cc4d166f7c0000fffc001c9f002520b5d5a0399303c85e23c7d308f1
20761315eb095d3f5b21f52e162b2680d492c636af3dc8c09ce587e48ad6c6a42108f020743c37c3198c7ede0ba21a3e2b036340ecb6c3c8380009751a33c0bc48e50b26c08f1046763302bf0003b70b9edba0c9f500083dfc30d2ef90c8e2c2b68747470733a2f2f62
6f622e6274632e63616c656e6461722e6f70656e74696d657374616d70732e6f7267fffc0101639e2c053aa6d5adfed459ef35609b208f1046763302bf0004701267dafc647bf0083dfe30d2ef90c8e2c22268747470733a2f2f6274632e63616c656e6461722e636174
616c6c6178792e636f6dfff010783305530382faee1a30a64ad68ae71f08f12026f3d2dce02e55ed4df57fe9f2897b99d28205684e4c634e144daa3c408dae3f08f1046763302cf008f94b064ca90ebb390083dfe30d2ef90c8e2c2268747470733a2f2f616c696365
2e6274632e63616c656e6461722e6f70656e74696d657374616d70732e6f7267f010f47860b6ba1246cca9b856cf8247c7b508f120f607f61c079be620524c36d27b86393d1d92fba9e5db463ffa692664839c47b208f120b049d01c7d9a7c2687900252259f5c876
adcb8eedb627456d47800f8e9d454c08f1046763302bf008d25a62c32fea73b60883dfe30d2ef90c8e292868747470733a2f2f66696e6e65792e63616c656e6461722e657465726e69747977616c6c2e636f6d
```

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., RSP13269_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 RSP13269_ots.hex > RSP13269_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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