

Certificate of Blockchain Timestamp Verification

Strain Name: Powdered Donuts

Sample Name: Powdered_Donuts__Canna-Root__20241120

Registrant: Zamir Punja

Stamped FileName: [RSP13271_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: 30a4177fd86d3253d9912ae9104e540c6c16199023727bee7ad37fe7c5278719

OTS File: [RSP13271_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: 1f5808376cddcb6d87fb3e7e9fa5a350f0908da9d886a2f619e31f2c6c4f358d

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)

```
004f70656e54696d657374616d7073000050726f66e00bf99e2e884e89294810838e4177f086d3253d9912ae9104e540c6c16199023727bee7ad37fe7c5278719f010f672abc9c4f1033acd0fdb9af9abed888fffe100bf7172b7dcae544d2e7edf51c3f18a08f1
208cc0927239ae0ce17fec8fab31d15c36a0c761a947929b0c20bc75ff8eae34d08f020400a10991c05f1d7abb2c480b210a4cc414f318ed3a6630103ae9e50f5091d6c08f1046763383df008d05cef85e0e58af30083dfe3002ef90c8e2e2d68747470733a2f2f61
6c6963652e6274632e63616c656e6461722e6f70656e74696d657374616d70732e6f7267fff010494b0d01da443bb4cdd6b085d31a0f08f1046763303df00874c849a7bc06e5370083dfe30d2ef90c8e2c2b68747470733a2f2f626f622e6274632e63616c656e64
61722e6f70656e74696d657374616d70732e6f7267fff0109196b4698f78f168fa81d079f30fa5cf08f1046763303df008736cc4b0de6c4c150083dfe30d2ef90c8e232268747470733a2f2f6274632e63616c656e6461722e636174616c656178792e636f6d010c5
8d797c3ff48d3792701f03d7a413d008f020033b8da0a0e0c33ef55c7d591aff77de05f54af002ae7dd581558d1ca4f7e03508f1046763303df008d43181c3951728540083dfe30d2ef90c8e292868747470733a2f2f66696e6e65792e63616c656e6461722e657465
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., RSP13271_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 RSP13271_ots.hex > RSP13271_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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