

Certificate of Blockchain Timestamp Verification

Strain Name:

Powdered Donuts

Sample Name:

Powdered_Donuts__Canna-Stem__20241120

Registrant:

Zamir Punja

Stamped FileName:

RSP13272_blockchain.vcf.gz



Stamped File SHA-256 Hash:

05708c21972b268829d73ccb0e0df9be9302fb98a5a5db66f0d68f86a6a32fc0

OTS File:

RSP13272_blockchain.vcf.gz.ots



OTS SHA-256 Hash:

2d18b29fb14cc7c2a59fa4d9a3c0e3bf17d5886182e0932d637d8c6c77de2978

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)

```
004f79658e54696d657374616d7073080850726f6f690bf99e2e884e89294818895708c21972b268829d73cc0e0df9be9302fb98a5a5db66f0d68f86a6a32fc9f01996a56f8a479b7ba9ee40e9035f9c7cf208fffb105a1f66e7b831ddbf552e1ba4f22cfff1f08f1
20c096edc49f704d0f6c4eb451b69c54224fcb69ca33224f54e9908d6ef608325e0ef020270d976cb4fbace96faad74dc689b583a8bc3d99d274b2d613659d57b163f3608f1046763308ff080cad3a4738e93d1c50083dfe39d2ef90c8e292868747470733a2f2f66
696e6e5792e63616c656e6461722e657465726e69747077616c6c2e636f6dffff610627e52a8aa373cb1bf54d607d471974608f1046763308ff0808c7b152f2e97df020083dfe30d2ef90c8e2c2b68747470733a2f2f626f622e6274632e63616c656e6461722e6f70
656e74696d657374616d70732e6f7267fffb10a5d3b8bf4d0d390b46d9f490bd30154108f12818dc6256f713a8c483bba41ea05752425b1bdd06a15795bd9c518421b07f5aeb08f120b5d244b906a78270e3d37f903e55eb5910a8def230df5b7c5ecc3acdddc2f814
08f1046763308ff0808c446b0a9dcf189083dfe30d2ef90c8e2e2d68747470733a2f2f616c6963652e6274632e63616c656e6461722e6f70656e74696d657374616d70732e6f7267f010a7685767bb20d0dd5ebf547ce6f5416d08f1046763308ff0808f611283f62
df3d83083dfe30d2ef90c8e232268747470733a2f2f6274632e63616c656e6461722e636174616c6c6178792e636f6d
```

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., RSP13272_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 RSP13272_ots.hex > RSP13272_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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