

Certificate of Blockchain Timestamp Verification

Strain Name: Powdered Donuts

Sample Name: Powdered_Donuts__Luna-Stem__20241120

Registrant: Zamir Punja

Stamped FileName: [RSP13273_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: [f884eed090ef1b07ab08c4eb02a107a007ea9adbd64fb333f855f0d83eec2c64](#)

OTS File: [RSP13273_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: [0b6db62c4fc0cb334a4f103de24adcf5990f75b4542d2e72e3102496e3f9a424](#)

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)

```
004f79656e54696d657374616d7073000050726f66690bf99e2e884e892948108f884ee0990ef1b87ab80c4eb92a107a007ea9adbd64fb333f855fd83e2c64f8105e30b806b40ee8421e570254354b1e6808fffb100fcfab18d1e79d0ec9ee572d4ccc776908f1
0457633035f0083d443cf04cb51ca6c0083dfe30d2ef99c9e2e2d68747470733a2f2f615c0963652e8274632e63616c656e6461722e6f70656e74696d657374616d70732e6f7267fff01091ccba7284aafe5591ac0586622787308f10467633034f908a6e5a27e0f97
48ee0083dfe30d2ef99c9e2c2b68747470733a2f2f626f622e6274632e63616c656e6461722e6f70656e74696d657374616d70732e6f7267fff01091ccba7284aafe5591ac0586622787308f10467633034f908a6e5a27e0f97
aaceeb765b08f8205be8781b28b49d5fb7e64d07242aa503594f54ba72c795c99e6bcd8a8a34dd7308f10467633035f009eab693221dc5cda0083dfe30d2ef99c9e292868747470733a2f2f66696e6e65792e63616c656e6461722e657465726e69747077616c6c2e
636fd6f010c426b62ce25e685b178faa7da84a873d08f10467633034f00861b104b88e999bd60083dfe30d2ef99c9e232268747470733a2f2f6274632e63616c656e6461722e636174616c6c6178792e636fd
```

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., RSP13273_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 RSP13273_ots.hex > RSP13273_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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