

Certificate of Blockchain Timestamp Verification

Strain Name: BCP-St-MET

Sample Name: BCP-St-MET-20240730

Registrant: Zamir Punja

Stamped FileName: [RSP13194_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: 1335deb07c0ced53cae61afa350347dae3709e6c872151af1e231b938c1d6419

OTS File: [RSP13194_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: abdf5b2549b1158f971158ece98226dd7bcd2e7cc2173501a4c5f5b1ebcb10d1

Block	Date	Transaction ID	Merkle Root	Verified	QR
869311	2024-11-07	00000000...1620490a	153db96f...6e47abc9	✓	
869320	2024-11-07	00000000...11126a1e	5bd48191...b0b5e116	✓	
869324	2024-11-07	00000000...a449d931	98a0ccb7...12d37df4	✓	
869333	2024-11-07	00000000...07c7ae23	700f6221...6c8ad13c	✓	

Success! Your file is blockchain-stamped

2024-11-07 21:28:39 UTC



OTS File Hex Contents (copy/paste friendly)

```
004f7865e54696d657374616d7073000050726f6600b0f99e2e884e8929481081335debb7c9ced53cae61afa359347dae3799e6c872151af1e231b938c1d6419f010b0506ba569f67c254776e2652c1e720508fffb101b34913ce4fe0aa455b8c6244bc93f1108f9
20f99213e1705e0e153f31615fb83e6026a0e01a7fddbfb2102299b36ba895fb00f02040194a31452829d0694b43dd6b4b228a644647d999c98702f670f423eb712ae08f0208e42f43af30b1ce5a40bab3ec60433b741540b1568928007bcb96c9d52e6f27206f1
04672cd747f90899e5e6508e9a3a6609083dfe30d2ef99c8e2e2d68747470733a2f2f616c6963652e6274632e63616c656e6461722e6f70656e74896d657374616d70732e6f7267fffb105f6fb24e1b9c55102b2a48b0d234bba508f104672cd747f90899e971b78cf3
14b80883dfe30d2ef99c8e2c2b68747470733a2f2f626f622e6274632e63616c656e6461722e6f70656e74896d657374616d70732e6f7267fffb105f6fb24e1b9c55102b2a48b0d234bba508f104672cd747f90899e971b78cf3
7470733a2f2f6274632e63616c656e6461722e63616c656e6461722e6f70656e74896d657374616d70732e6f7267fffb105f6fb24e1b9c55102b2a48b0d234bba508f104672cd747f90899e971b78cf3
e30d2ef99c8e292868747470733a2f2f66696e6e65792e63616c656e6461722e6f70656e74896d657374616d70732e6f7267fffb105f6fb24e1b9c55102b2a48b0d234bba508f104672cd747f90899e971b78cf3
```

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., RSP13194_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 RSP13194_ots.hex > RSP13194_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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