

Certificate of Blockchain Timestamp Verification

Strain Name: BCP-St-NoMET

Sample Name: BCP-St-NoMET-20240730

Registrant: Zamir Punja

Stamped FileName: [RSP13195_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: [12a6f41977322729427ab67373befc43692ed1d589ed735600e4ccbaa9c441d9](#)

OTS File: [RSP13195_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: [c3c0aa45b07b6491fd2b7b9de080925f1e5ab3ee8ef124b9d8b264bb9b9e72d5](#)

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)

```
004f79656e54696d657374616d7073080850726f6f6690bf99e2e884e89294818812a6f41977322729427ab67373bec43692ed1d589ed735690e4ccbaa9c441d9f618be5b5c19dfb248d4776c5aea2042e80488fffe180aa213fbd03b79b5523f5997e1aa485708f0
20ff1c81ee1a5343eeec196596b71e4f9f1d348f0b77990af6be5bcc5f3c7749e508f120bbb39957782f83f1427144833d14d9a612a69530d4bcb3abcac7a4d98c1a39d08f104672cd896f0885de3e978212bc68a0083dfe59d2ef90c9e2e2068747470733a2f2f61
6c6963652e6274632e63616c656e6461722e6f70656e74696d657374616d70732e6f7267fff6180e6380e9cb9f54895747da6eeb2df0e708f104672cd896f08849f7b2ab652e77c20883dfe38d2ef90c9e232268747470733a2f2f6274632e63616c656e6461722e63
6174616c6c6178792e636f6dfff0107cb6f2678b2bb494e22f15c1aa0849be08f120e4f88fb4284fb0c8e6012d47d9e4c39f3ff3a042c513022b5e4926d3dc723cc508f020fe1738835d6a6caa2d9993904069a15aacccca8af58b5f12ab44f94669099a208f10467
2cd896f088c70a2a92489cd4f30883dfe38d2ef90c9e292868747470733a2f2f66696e6e65792e63616c656e6461722e657465726e69747977616c6c2e636f6dfe1092eebb104716d0ffaac2d0bc6065cfa08f12075876e9be0a529ac237d5a0cc390c58d01028c86
d35327511113b30b0606be7e08f1209fe35fcb4b69486a76da579e09eebab13949dfbb2d5c85896e2f854d19d838c98f104672cd895f088acf59d7d9e0cf6800883dfe38d2ef90c9e2c2b68747470733a2f2f626f622e6274632e63616c656e6461722e6f70656e74
696d657374616d70732e6f7267
```

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., RSP13195_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 RSP13195_ots.hex > RSP13195_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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