

Certificate of Blockchain Timestamp Verification

Strain Name: Elite (Hemp)

Sample Name: Elite-Seed2_20240925

Registrant: Zamir Punja

Stamped FileName: [RSP13222_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: [c4fc00fbc6dbc71362cc57b092238a9683c8c5272da6fc79bcbb1f485e0531cb](#)

OTS File: [RSP13222_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: [0241b9982ec2ad7293cb642b2894a183366f411ccd7004df7f43e832def8eebc](#)

Block	Date	Transaction ID	Merkle Root	Verified	QR
869016	2024-11-05	00000000...99e232ba	f397da76...720777b1	✓	
869033	2024-11-05	00000000...7cf75dd7	b556659c...c3d84c89	✓	
869111	2024-11-06	00000000...f6651c41	63d89f62...8679b896	✓	

Success! Your file is blockchain-stamped

2024-11-06 11:58:39 UTC



OTS File Hex Contents (copy/paste friendly)

```
004f79650e54606d657374616d7073000050726f6600b0f99e2e884e892948100c4fc00fbc5db71362cc57b092238a9683c8c5272da6fc79bcb1f485e0531cbf010b537cdcd7237c0f92c3388512763afa600fffe10422497875f5d4a60a5e931dc6612998700f1
94572a6d09f008bd4ca0150aaaa9600083dfc30d2ef99c0e232268747470733a2f2f6274632e03616c0506e461722e636174616c0c6170792e036f6dfff0195a059db74edfe00922882f02e877767300f120a06ef05a220d334fc02c950b79d35e29e04fd6c51090d0
baec46ff84705c0f0000f1207f559e591994477ba05c995d3a8f8c2df4bbf3ff039d0bb3d1b1f60883f63eb1c08f104672a6d00f008d562351970b380a00003dfe30d2ef99c0e2c2b68747470733a2f2f6274632e03616c0506e461722e6f70656e74696d65
7374616d70732e6f7267fffb107418564b7854b241d66cd9c3cbf829f108f0203d9a62fb0260fd35fc7289df1a6fdd90ab27e1e059f0c7709e17bebd23a17f2c08f020a5e5e8375c541bf41f2840efba210ee5be1a98d29298c3809767b20b412d522b08f020d84b7a
9a782c5ca5ee277c11dc75523ad6cfa8cc8a8d412a26c09fc7330a436408f104672a6d00f0082e2444b24005379c0083dfe30d2ef99c0e2c2d68747470733a2f2f6274632e03616c0506e461722e6f70656e74696d657374616d70732e6f7267f010ae
15a8b857278c6131e8a6fc251ad4ac08f02011a4b4aa0511a78b972537132e0f09773318bc316c91fc0b9c75bdd597b227e508f0203a187daa892653f02c533a50df121190de10ca79a31d5666e0eba029627cc508f104672a6d09f00804f734a96c8fe0cb0083df
e30d2ef99c0e292868747470733a2f2f66696e6e65792e63616c0506e461722e657465726e69747977616c6c2e636f6d
```

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., RSP13222_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 RSP13222_ots.hex > RSP13222_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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