

Certificate of Blockchain Timestamp Verification

Strain Name:

PK-Rt-Coco

Sample Name:

PK-Rt-Coco-20240801

Registrant:

Zamir Punja

Stamped FileName:

RSP13202_blockchain.vcf.gz



Stamped File SHA-256 Hash:

0c38b2e57975f7cb1795c20357618725eff6c89b20300ef02fb1ef0d1f8137a3

OTS File:

RSP13202_blockchain.vcf.gz.ots



OTS SHA-256 Hash:

4f72635599bca1eb25e0a643cf2fad4ea420e99c5b15d78823cc54a349973a51

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)

```
004f78650e54606d657374616d7073000050726f66000bf99e2e884e8929481080c30b2e57975f7cb1795c20357618725eff6c88b20300ef02fb1ef0d1f8137a3f010c4ab1ffce70dd32561751cef1a27a1e0808fffb100d18eed722fdba542a3425d797558aae08f1
04672cd7adF00802c56b76cc3398f30083dfe30d2ef90c0e232268747470733a2f2f6274632e63615c050e6461722e636174616c0c6170792e636f6dffff01021d5300a4a784ab66736f8a3077a7f2500f104672cd7acF00819900e1fc214bfc70083dfe30d2ef90c0e
2c2b68747470733a2f2f6274632e63615c050e6461722e636174616d70732e6f7267fff01044f03f05fc2cafc1fd7785ed458fa16300f120da7b26b8a7d7e63c445b405df5d087db63fc42f6557f14ee377c07191419bb088f104672cd7
acF00825a252e12067c76c0083dfe30d2ef90c0e292888747470733a2f2f66609e0e65792e63616c650e6461722e657465726e69747077616c6c2e636f6dF010805139f2454ee08dc3f18caa58520a1408f12082b5bf6ab0ea2a8690d611670f5f75b35ed28613626c
3989e7b2296d6de63cb608f104672cd7acF008fd8cc5ad6c3fdff10883dfe30d2ef90c0e2e2d68747470733a2f2f616c6963652e6274632e63616c656e6461722e6f70656e74609d657374616d70732e6f7267
```

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., RSP13202_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 RSP13202_ots.hex > RSP13202_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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