

Certificate of Blockchain Timestamp Verification

Strain Name:

Pink Kush

Sample Name:

Pink_Kush__PK-Lf-TC2-Segra__20241120

Registrant:

Zamir Punja

Stamped FileName:

RSP13274_blockchain.vcf.gz



Stamped File SHA-256 Hash:

cff5b68446a2ed57b96b94a3bcd6b69e25357eb5b9b0c7476ff3ccfe7f378921

OTS File:

RSP13274_blockchain.vcf.gz.ots



OTS SHA-256 Hash:

2913d07401176729227bda4082e075f442568090f7145f7cc1239a981a01816e

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)

```
004f79650e54606d657374616d7073000050726f66600bf99e2e884e892948108c7f5b68446a2ed57b96b94a30cedb69e25357eb5b0bc7476ff3ccfe7f378921f0100b4fe87e2ed6fc2d6aec315dc53bfc3508ffff010689d906d77b3618bb171fa50149b615f00f0
20bb06f4ff9cc4320cbf049def4233bd24ef02898a9d1fa0678acd9b31c0bf99df00f104676330cbf008f7e5f64fe1510063dfe30d2ef90c0e292068747470733a2f2f66096e0e65792e63616c656e64617220657465726e69747977616c6c2e636f6dfff01000
a6e56de63d72a6c612fcfe71e3fc9d00f020a43665cdda407f045171da89944db9e00ba5089ef38ba73ccbfdb44cae9c1f00f104676330cbf908db3fe7c68bdd5df00083dfe30d2ef90c0e2e2d68747470733a2f2f616c6963652e6274632e663616c656e64617220e
6f70656e74696d657374616d70732e6f7267fff010dc850bdfc5cfa3529990c83657b64e2f08f104676330cbf00873582b42e3cdf20083dfe30d2ef90c0e232268747470733a2f2f6274632e63616c656e64617220636174616c6c6178792e636f6d
6f7267f010efbed6a80f8d7e625550a61167cdc8108f104676330caf0089722b74ad2e7d0d20083dfe30d2ef90c0e232268747470733a2f2f6274632e63616c656e64617220636174616c6c6178792e636f6d
```

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., RSP13274_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 RSP13274_ots.hex > RSP13274_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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