

Certificate of Blockchain Timestamp Verification

Strain Name: Pink Kush

Sample Name: PK-Lf-TC_20240925

Registrant: Zamir Punja

Stamped FileName: [RSP13227_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: 10557dff75f139e2b41275e178443461f106dcba3fbbaed9cdaec791c4acc1d7

OTS File: [RSP13227_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: f73d553fd17c3a092ef85e729a9923f3b6c9b534ad75fb8fae47aee7ad822f86

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)

```
004f78656e54696d657374616d7073000050726f66690bf99e2e884e89294818818557dff75f139e2b41275e178443461f196dca3fbaed9cdaec791c4acc1d7f018eef164c8aaea3df7458a6caa2af08d3e08fffe181829f9ca38d66e976520b185fa9fcc3d08f1
209232d948d11880b5409e086c1c209d8a3b436869af22bdc9c57eae2d15bb308f1a4672a6cf1f008faa5407596c1e6120803dfe30d2ef90c8e232268747470733a2f2f6274632e63616c656e6461722e636174616c6e6170792e636f6dfff010318f773c8fca4
3debb62f307bc44c9080f120b4512cf0ae1e479b76e3a4369a65141559d0da7ff1bc9e8a9559592de1ad496408f104672a6cf1f008d1de637f4c43228a0803dfe30d2ef90c8e2e2d68747470733a2f2f616c6963652e6274632e63616c656e6461722e6f70656e7469
6d657374616d70732e6f7267ff01080d15a60595d3bca5c1a83b2ca9cf88f08f1281d7d7562aaff4fa1464bca8fc3b7bcc3d289991fa1c9a2ecb1aa49b1b8630bb08f104672a6cf2f0089afc1266dcbaae300803dfe30d2ef90c8e2c2b68747470733a2f2f626f62
2e6274632e63616c656e6461722e6f70656e74696d657374616d70732e6f7267f010aa47ba554ebf42595589ec0b655a97b908f120d894cbec45c84831cddbe6e86a0d27bbc8a2d664faadb275b50a2cac7d3158f08f104672a6cf2f008ca912dca6cf82e5b0083df
e30d2ef90c8e292868747470733a2f2f66696e6e65792e63616c656e6461722e657465726e69747977616c6c2e636f6d
```

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., RSP13227_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 RSP13227_ots.hex > RSP13227_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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