

Certificate of Blockchain Timestamp Verification

Strain Name: Pink Kush

Sample Name: PK-DD-Rt_20240925

Registrant: Zamir Punja

Stamped FileName: [RSP13229_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: [e7c85724ff05d468aa13620b3c2de0f35a9dae69cc5420b57e266174423ced5b](#)

OTS File: [RSP13229_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: [952e806457c20477882845f87e163cc52b2eba3484c4e88d66d9b47948945ecb](#)

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)

```
004f79658e54696d657374616d7073080850726f6e680bf99e2e884e892948189e7c85724ff05d468aa13620b3c2de0f35e9dae69cc5420b57e266174423ced5bf018e5313105806c52eb87b78ce61112d5f9e8fffb107366432b1556f33590aa39bc6ac7113e08f9
20d6f955d5f6ddff51ab03c5ddc824b948c487d40d98eb0f3452085c13437ea10a06f104672a6c3cf008be675ec16a8814630803dfc30d2ef90c0e2c2b68747470733a2f2f626f822e6274632e63616c056e6461722e6f70656e74696d657374616d70732e6f7267ff
f0108f6ab5daae25c4ca4b730a0ff59172dc08f104672a6c3cf0087ce99e6dd06769710083dfe30d2ef90c0e2c2b68747470733a2f2f6274632e63616c056e6461722e636174616c6c6178792e636f6dfff010999a0c6abb07af0b40fa633ad02508c08f120d9917c
5e2f2f273b2618dea0491706483f26c1c2834202fe02242cfd72c359908f020cc5f564657bd9516937881e0e09e3f73d5bf3ce12620856d69209e5e6ce1fd0e08f104672a6c3cf00820639e2107259870083dfe30d2ef90c0e2c2b68747470733a2f2f66696e6e65
792e63616c056e6461722e657465726e69747977616c6c2e636f6d010fcd799d385f341c3dfde44b1e1f156b408f1207f71cd5bbdf22b25b78e7a9f6bc10eb7b5c556d990b41dce83459bdfac55d2c808f104672a6c3cf00853f52a60b1746ae708083dfe30d2ef90c
8e2e2d68747470733a2f2f616c6963652e6274632e63616c056e6461722e6f70656e74696d657374616d70732e6f7267
```

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., RSP13229_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 RSP13229_ots.hex > RSP13229_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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