Certificate of Blockchain Timestamp Verification

Strain Name: Pink Kush

Sample Name: Pink_Kush__PK-Lf-TC3__20241120

Registrant: Zamir Punja

Stamped FileName: RSP13275_blockchain.vcf.gz

Stamped File SHA-256 Hash: `e119120212373820656 76ae008a04d17506b7c4e4e4170c8a8f8bc818f2ae52c`

OTS File: RSP13275_blockchain.vcf.gz.ots

OTS SHA-256 Hash: `8a0111ee4277728d5090d0984f67ca9b00d1c16a55dafd39d630f4f40735dec9`

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

VALIDATED

OTS File Hex Contents (copy/paste friendly)

```
004f70656e54696d657374616d7073000050726f6f6600bf89e2e884e892940108e11912021237382065676ae008a04d17506b7c4e4e4170c8a8f8bc818f2ae52cf010388e50de6abc758204827a66fada71a508fff0102e8729ebc62cd0ed9097740e8cf5e30908f1
04676330bcf00859a9c155b630806d0083dfe30d2ef90c8e2c2b68747470733a2f2f626f622e6274632e63616c656e6461722e6f70656e74696d657374616d70732e6f7267fff0107c111ad69ee27bb75a2e377e873ef86508f020ca2b32ee27ccd38c44c36ec50eec
1e8f2dda87c2554cc5593a3d3a44b1ee291008f104676330bcf0087b80c81eb41d17190083dfe30d2ef90c8e2e2d68747470733a2f2f616c6963652e6274632e63616c656e6461722e6f70656e74696d657374616d70732e6f7267fff010a20819c5548fef6db2d633
3d8317bbc008f104676330bcf0083863fb491db2cd6f0083dfe30d2ef90c8e2322687474707 33a2f2f6274632e63616c656e6461722e636174616c6c6178792e636f6df010d5b3116100ffb1a1ce69fd7a522ebb1a08f02016238a91bd1c970b673613b9ecf9f2c3da
34df1e364897159705eb150deb5e5c08f104676330bcf0080f12b3f6223b16920083dfe30d2ef90c8e292868747470733a2f2f66696e6e65792e63616c656e6461722e657465726e69747977616c6c2e636f6d
```

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., RSP13275_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 RSP13275_ots.hex > RSP13275_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.

