

Certificate of Blockchain Timestamp Verification

Strain Name: Powdered Donuts

Sample Name: Powdered_Donuts_Fort-Root_20241120

Registrant: Zamir Punja

Stamped FileName: [RSP13263_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: [ed47e40087388fe960e031e2985bc85ac6f8626b2990d2fe45aa53bdf70da745](#)

OTS File: [RSP13263_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: [fde9953e10665be0c418a2baae133c6595471cc07bb282aada4b0b131f4eb56b](#)

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)

```
004f79650e5409d657374616d7073000050726f6e690bf99e2e884e892948108ed47e40887388fe960e831e2985bc85ac6f8626b2099d2fe45aa53bdf78da745f010e321daa8af047a1d195bb74dfd2300d08fffb1001c2781f65e793d09b181f47d010031d08f0
20060e2ddfc52857a083f05c1f997f682093855700b9665220f94b5426fe6774308f104676330b1f009d960b30909a228c0003dfc30d2ef90c0e292858747470733a2f2f60695e0e65792e63616c656e64617220657465726e69747977616c6c2e636fdfff010b0
46471b542dc0fcaf092c98c392c55308f020ba3b989ba0c02f582a140c3b46969a8605792d7628785ed2bb53c0ae707d005708f1208000542260261cfa0bfaec29a8aa4e530a37b9997630ae72abaf009f00129aba08f104676330b1f0090b0fdd2133fab1000083df
e38d2ef99c8e2e2d68747470733a2f2f616c6963652e6274632e63616c656e646172206570656e74696d657374616d70732e6f7267f010fff8be90ea812b8e4f4e89f21ff4d1f808f104676330b1f008e688cb521a1c46ec0883dfe30d2ef90c0e232268747470733a2f2f6274632e63616c656e64617220
636174616c6c6178792e636fd
```

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., RSP13263_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 RSP13263_ots.hex > RSP13263_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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