

Certificate of Blockchain Timestamp Verification

Strain Name: AC/DC G

Sample Name: AC/DC G

Registrant: Wisconsin Crop Innovation Center

Stamped FileName: [RSP13216_blockchain.vcf.gz](#) 

Stamped File SHA-256 Hash: 066477baffbd047296d41f9c38c8132dd2acf3861e19286a775d9f155f758f91

OTS File: [RSP13216_blockchain.vcf.gz.ots](#) 

OTS SHA-256 Hash: 1566a7eee9d76984fab0a11aa3a228a81ecf0011c0d6329c5d047258a6fe36bf

Block	Date	Transaction ID	Merkle Root	Verified	QR
869144	2024-11-06	00000000...a30fd7b1	4b3e7a34...ae862108	✓	
869180	2024-11-06	00000000...cbb6cddd	7ef7b83e...f0e43a65	✓	
869333	2024-11-07	00000000...07c7ae23	700f6221...6c8ad13c	✓	

Success! Your file is blockchain-stamped

2024-11-07 21:28:39 UTC



OTS File Hex Contents (copy/paste friendly)

```
004f7865e5469d657374616d7073000050726f6600b0f99e2e884e092948180066477ba7fbd947296d41f9c38c8132dd2acf3861e19286a775d9f155f758f91f01062959ce7106c84312bd1504bfb96000e00ff0100311877123c78e3723481c3a000b0c3700f1
20f29df2c06d09ae2890406ac087565c5090d3b7af1edfed2acbd0a7ea2902300f104672b8836f0000afa9c1ad4990e190083df030d2ef90c0e2e2d08747470733a2f2f616c6963652e6274632e63616c656e6461722e6ff706556e74696d657374616d70732e6ff72
67ff6103a00ca972b74045548a553005bf90b6f00f120eaa57c22b7414189f631e757f4331dd700061caa262e1cea9fdb23b4c7e9734708f020b066949e0bd6814699a482b0531a52f4700b5f0f95d11a3941c995e35a6fb3e900f104672b883f0000f5ed7a64e7d
f9000083dfec30d2ef90c8e2c2b68747470733a2f2f626f622e6274632e63616c656e6461722e6ff706556e74696d657374616d70732e6ff7267ff610672340ae74926ef3c2636d88c3246b7808f0204f0059bb50fd1096b50025da66c3c48997a20c075e3dcd73704b4
269291a85800f120965593ca5981c87d1822d75ef7d89a3260e80b1249635c7317180f9c31d829e008f104672b8836f008700bf608f3e15a270083dfe38d2ef90c8e292868747470733a2f2f66606e6e65792e63616c656e6461722e657465726e69747077616ec6c2e
636fd6f106a8be49e315639baeac280dcea24e42408f120afc19fb67d83d0bcb378544501b93f79498c56713c7ec84da224f398d55f858008f0201f192be0a7a135c1dd8b580b431930b346531c745ece580250ef775652710fd008f104672b8836f008bca4aa8740
2eae70083dfe30d2ef90c8e232268747470733a2f2f6274632e63616c656e6461722e636174616c6c6178792e636fd
```

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., RSP13216_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 RSP13216_ots.hex > RSP13216_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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