

GUINNESS WORLD HOTTEST PEPPER Claim Submission Requirements (August 2021)

- a.) An introduction to the Lab. Where it is, its associations and who will be conducting the tests.
- b.) The amount to be tested. What sample was sent to the lab.
- c.) How much pepper weight and over how many years were the samples taken
- d.) How were the samples treated.
- e.) Extraction process.
- f.) Analysis
- g.) Apparatus
- h.) Reagents
- i.) Calibration of the HPLC process
- j.) Results. Clearly illustrated graphs and tables that show the full results
- k.) Scoville Heat Unit calculation. Breaking down the compounds present and their pungency values.
- l.) Conclusion. An interpretation of the results that describes the final SHU value and its standard deviation across the range of samples provided.
- m.) All that on letter headed paper (we can be sent a .pdf copy of it) from the lab itself along with the signatures from the person(s) who conducted the tests.
- n.) In addition we will need other pieces of evidence such a cover letter,
- o.) witness statements,
- p.) photos, and
- q.) videos as outlined in the guidelines.

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Guidelines from Guinness website:

. Rules for Hottest chilli pepper

1. The chilli pepper classification/species must be verified by an independent qualified professional such as a horticulturalist.
2. For the purpose of this record 25g of dried peppers must be tested to give the average Scoville score. The method of drying must be provided with the claim.
3. The pungency units must be determined using an accredited laboratory to ISO 3513:1995.
4. It is recommended that you provide us with the details of the laboratory for testing to ISO standards (accreditation), and to the specific mentioned standard. The laboratory must be an independent testing laboratory from any existing interest.
5. Where it is not possible to locate a lab with an ISO 3513:1995 standard to test the Scoville index a suitable national standards institute laboratory must be located and a

High- performance liquid chromatography (HPLC) method of testing should be used. A full methodology must be provided with the claim.

6. Details of the growth of the plant(s) must be provided.
7. At least two independent witnesses, including at least one chemist and one horticulturalist, must submit statements regarding both the growth process and testing process.
8. Photographs and video evidence of the pepper and the testing process should be provided.
9. Although the record is measured by SHU units, the dimensions and weight of the chili pepper must also be provided.
10. Any articles about the pepper published in scientific journals should also be submitted.
11. Any other specialised literature to support the claim maybe provided.

Rules for 'general' records---

Please make sure ALL these rules are followed:

1. The attempt must take place in a public place or in a venue open to public inspection.
2. The attempt must be overseen by two independent witnesses.

Please make sure you supply the following evidence:

Guinness World Records Hottest chilli pepper 13 August 2021

- One cover letter explaining the context of the record attempt. Please indicate the date, time and exact location of the record attempt, your chosen witnesses and your record attempt measurement. Also please provide full details of the person(s)/organisation attempting the record including details on the preparation for the attempt.
- Two witness statements confirming the exact details of the record and the results as well as explicitly confirming all of the rules have been adhered to. These witnesses must be specialists in the specific field of your record attempt if indicated in the specific rules above.
- Photographic evidence is compulsory evidence for all record attempts. Clear photographs of the item must be provided.

- Video evidence is compulsory evidence for this record attempt. Please ensure the entire attempt is filmed, that the camera is focused on the attempt at all times and is static.
- Media articles (newspaper, online, TV or radio) can be submitted as part of the evidence requirements. This is not compulsory evidence. Please read the Guide to Your Evidence document, where you will find further information about the evidence requirements and evidence templates. It is paramount this document is read before you submit your evidence.

Evidence checklist

- Cover letter
- Proof of qualifications
- Witness statement 1
- Witness statement 2
- Description of the testing methodology
- Specialist witness statement 2
- Laboratory report
- Testing laboratory certification
- Video evidence
- Media articles
- Photographic Evidence

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