

Campden BRI group:

Campden BRI (registered no. 510618)
Campden BRI (Chipping Campden) Limited (registered no. 3836922)
Campden BRI (Nutfield) (registered no. 2690377)

Registered office:

Station Road ♦ Chipping Campden ♦ Gloucestershire ♦ GL55 6LD ♦ UK

Confidential report for:

Campden BRI

FAO: Microscopy Section

Station Road

Chipping Campden

Gloucestershire

GL55 6LD

Report on:

Examination of a Foreign Body Reported from Roast Potatoes

Work performed by Campden BRI (Chipping Campden) Limited

Report number: MI/REP/181325-02265/1 ♦ Issue date: 23rd January 2018

Contact details:

K.A. Hope ♦ Chemistry & Biochemistry ♦ Campden BRI (Chipping Campden) Limited

kathryn.hope@campdenbri.co.uk ♦ Tel: +44(0)1386 842017

Report issued and authorised by:

Campden BRI (Chipping Campden) Limited

K.A. Hope (Microscopy Section Manager)

Z. Larkins (Packaging Group Leader)

G.E. Dale (Special Projects Group Leader)

Our ref: Plant Matter Report

Page count: 5

- Prior written approval is required for use of the Campden BRI logo and for the reproduction of this report if not reproduced in full.
- Unless this report includes an explicit statement of compliance/non-compliance with a requirement and/or specification, no such statement should be inferred.
- Unless this report includes an explicit statement to the contrary, results reported relate only to the items tested.
- The information provided within this document is given after the exercise of all reasonable care and skill in its compilation, preparation and issue but is provided without liability in its application and use. Any opinions and interpretations are not provided under the auspices of any third party certification or accreditation.
- Unless otherwise expressly agreed in writing and signed by a duly authorised representative of Campden BRI (Chipping Campden) Limited, the services to which this report pertains are subject to our Standard Terms and Conditions of Contract, available upon request or from our website:
<http://www.campdenbri.co.uk/campdenbri/terms.pdf>
- The information in this document is only intended for the individual or entity to whom it is addressed. It may contain privileged and confidential information that is exempt from disclosure by law and if you are not the intended recipient, you must not copy, distribute or take any action in reliance on it. If you have received this document in error please notify us immediately by telephone on +44(0)1386 842000.

[DC: R-AC-9-5-15: 01/16 (20) : R/KAH]



Campden BRI (Chipping Campden) Limited – part of the Campden BRI group
Providing services under an ISO 9001 registered quality management system

Station Road ♦ Chipping Campden ♦ Gloucestershire ♦ GL55 6LD ♦ UK

www.campdenbri.co.uk

SAMPLE DETAILS

Initial Complaint Date: 12/12/18
Batch No.: 25625351
Complaint Reference: HLJKF5K
Purchase Order No.: 125-5265

SAMPLE INFORMATION

LIMS sample number(s) : 1245622
Date sample(s) received : 20th January 2018
Packaging : In a plastic pot
Storage conditions : Ambient temperature
Date(s) sample(s) examined : 22nd and 23rd January 2018

METHODS AND REFERENCES

Analyst reference : SDA
Method reference(s) : TES-AC-192 : Light Stereomicroscopy
TES-AC-193 : Compound Light Microscopy
Deviations from the method reference(s) : None

RESULTS

The complaint sample consisted of multiple fragments of green coloured matter, which were photographed as received and can be referred to in Plate 1. The sample was an irregular shape, with a dry brittle texture and appeared shredded.

Hand-cut sections of the complaint sample were taken and examined under the compound microscope to assist with identification. Here it was possible to see that the complaint sample was comprised of wavy-walled plant cells arranged in longitudinal rows with stomata (Plate 2), mesophyl, consistent with leaf tissue (Plate 3) and fibro-vascular bundles. These are structures consistent with a monocotyledonous plant, such as a grass.

CONCLUSIONS

It was concluded that the complaint sample consisted of multiple strands of plant leaf tissue, from a monocot. Based on the appearance and structure under the compound microscope, the most likely source was considered to be some sort of grass; however other monocots, such as cereals, could not be ruled out entirely.

Sample

PLATE 1 Shows the complaint sample photographed as received against a millimetre-squared background

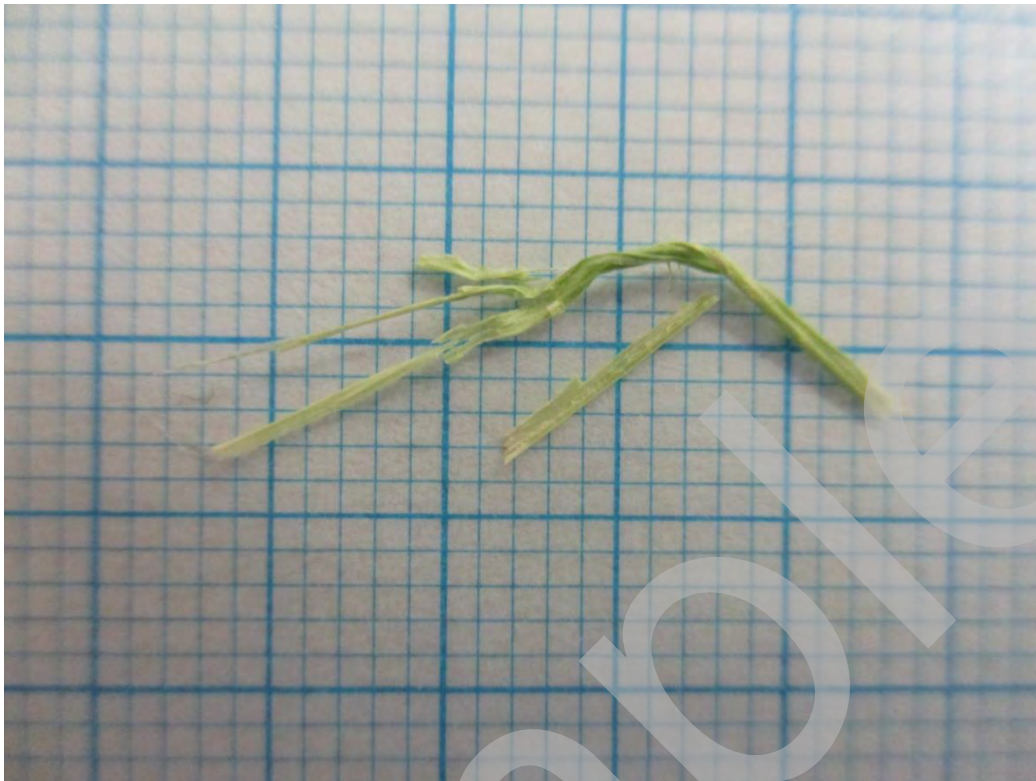


PLATE 2 Shows an example of the wavy-walled plant cells arranged in rows with stomata, examples arrowed in red, seen in the sections taken from the complaint sample. Magnification x 435

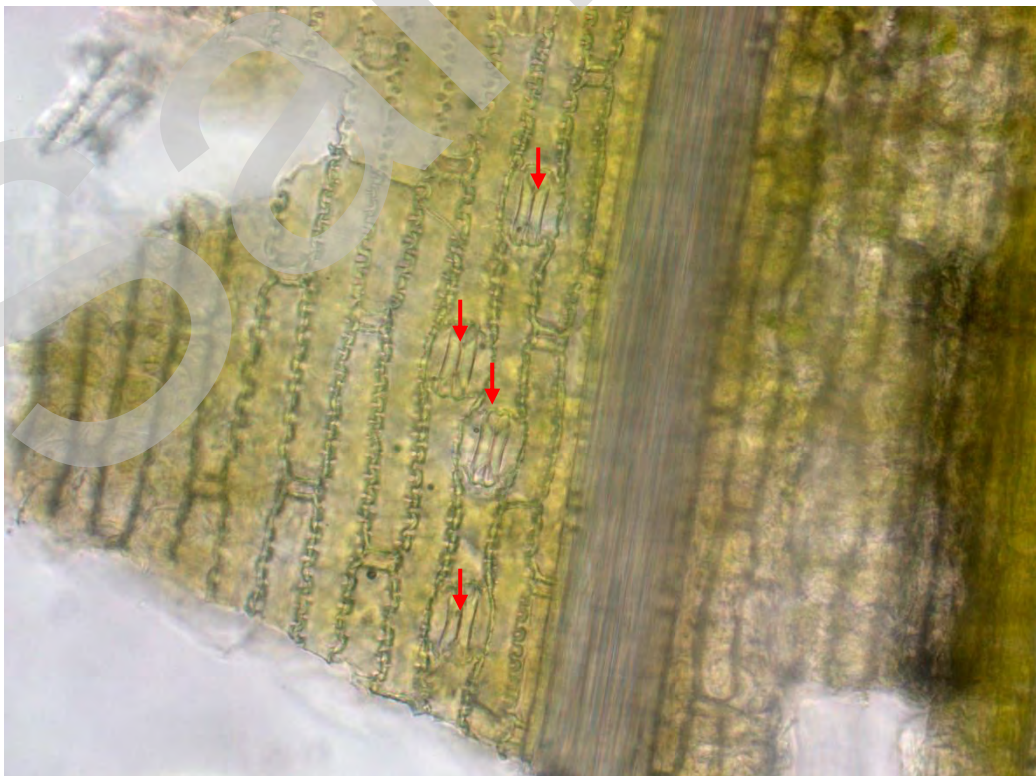
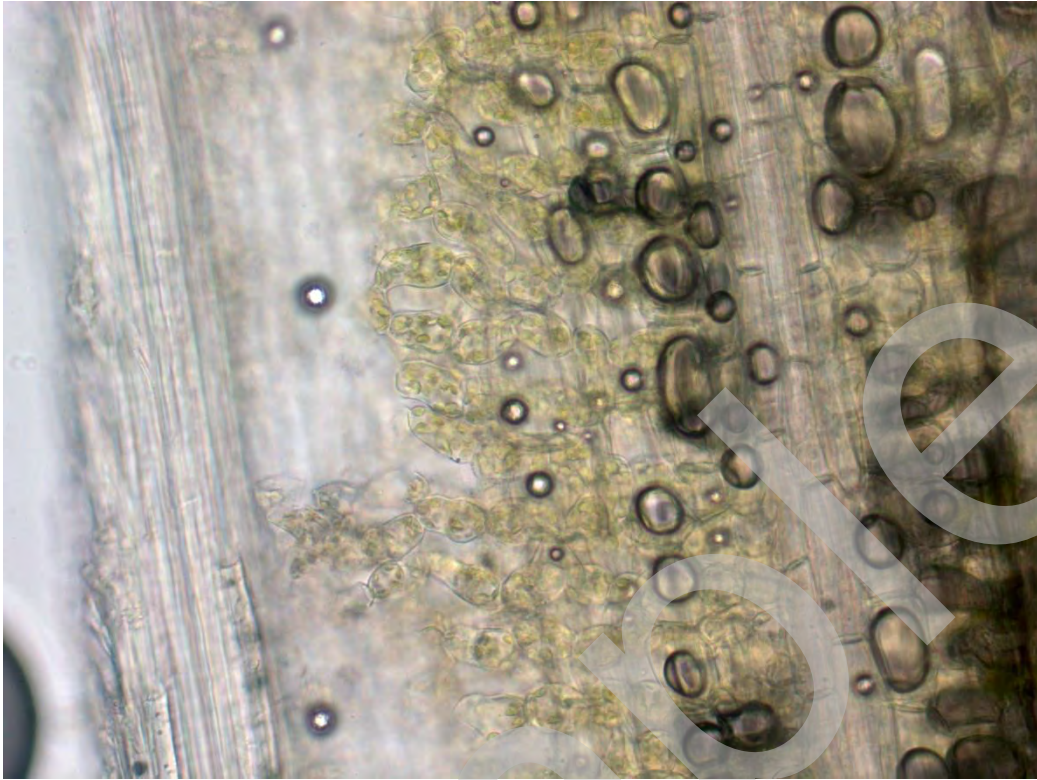


PLATE 3 Shows an example of the mesophyll, consistent with leaf tissue, seen in the sections taken from the complaint sample. Magnification x 435



Sample