



Australian Government
Department of Industry,
Science and Resources

**National
Measurement
Institute**

Appointment as a Certifying Authority for Reference Materials

In accordance with Regulation 73 of *National Measurement Regulations 1999* (Cth), in force under the *National Measurement Act 1960* (Cth), the Chief Metrologist hereby appoints:

**GrainCorp Operations Limited
(ABN 52 003 875 401)
Level 20, Tower 2, International Towers, 200 Barangaroo Ave
Sydney NSW 2000**

Operating at:
Toowoomba Laboratory
16 Mann Street TOOWOOMBA QLD 4350

to be a Certifying Authority for the certification of reference materials under regulation 48 of the *National Measurement Regulations 1999* (Cth) for the following reference material(s):

Whole Grain Wheat and Whole Grain Barley

This appointment is for the period from 1 July 2024 to 24 June 2026 and is limited to the range specified in the attached schedule, and the use of procedures approved by the Chief Metrologist.

Dated this First day of July 2024

Signed

James Cantrill
For Dr Richard Bruce Warrington
Chief Metrologist
National Measurement Institute

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Schedule to Appointment as a Certifying Authority for Reference Materials

GrainCorp Operations Limited
(ABN 52 003 875 401)
Level 20, Tower 2, International Towers, 200 Barangaroo Ave
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Operating at:
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Australian Certified Reference Materials – Production of a certified reference material for total protein analysis in wheat and barley and assigning the property value and associated measurement uncertainty by Dumas combustion technique.

Reference Material	Range	Least Uncertainty
Whole grain barley	8.26% to 13.22% protein concentration by weight	0.10%
Whole grain wheat	8.17% to 14.85% protein concentration by weight	0.08%

Australian Certified Reference Materials – Production of a certified reference material for total protein analysis in wheat and barley and assigning the property value and associated measurement uncertainty by near-infrared spectroscopy (NIR) technique.

Reference Material	Range	Least Uncertainty
Whole grain barley	7.4% to 16.0% protein concentration by weight	0.41%
Whole grain wheat	7.9% to 19.8% protein concentration by weight	0.23%

James Cantrill
For Dr Richard Bruce Warrington
Chief Metrologist
National Measurement Institute

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Signatories

The following persons are the permitted signatories under this appointment:

Name	Reference Material	Range
Fergus Dun	whole grain barley and wheat	as per the scope of this schedule
Tyla-Corrine Sparks	whole grain barley and wheat	as per the scope of this schedule
Mina Makishi	whole grain barley and wheat	as per the scope of this schedule

Statutory Conditions

This appointment as a certifying authority for reference materials under regulation 73 of the *National Measurement Regulations 1999* (Cth) is subject to the conditions stated in regulation 77 of the *National Measurement Regulations 1999* (Cth) as amended. At the time of appointment regulation 77 contains the following conditions:

- (a) That the authority participate in training, related to the performance of the duties of an authority, required by the Chief Metrologist;
- (b) That the authority report, as required by the Chief Metrologist, about its performance of its duties;
- (c) That the authority, and any responsible agent or employee of the authority, comply with the *National Measurement Act 1960* (Cth) and the *National Measurement Regulations 1999* (Cth) and any condition stated in the instrument of appointment.
- (d) That the authority comply with any determinations applying to the authority under regulation 52 of the *National Measurement Regulations 1999* (Cth).

Additional Conditions

In addition to the statutory conditions of appointment of authorities contained in regulation 77 of the *National Measurement Regulations 1999* (Cth) this appointment is also subject to the following conditions:

- (i) Continuing NATA accreditation against AS ISO 17034 *General requirements for the competence of reference material producers* in the form of NATA accreditation No. 14670.

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For Dr Richard Bruce Warrington
Chief Metrologist
National Measurement Institute

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- (ii) The authority shall not engage a responsible agent or arrange for any reference material to be certified by an agent or anyone under its supervision without obtaining the prior consent of the Chief Metrologist in writing;
- (iii) Discharge of all financial obligations to the National Measurement Institute in respect of this appointment;
- (iv) Compliance with the formatting and/or any other requirements of the Chief Metrologist and/or the National Measurement Institute with respect to certificates of certification of reference materials;
- (v) During the term of this appointment each signatory under this appointment must attend a legal metrology seminar conducted by the Policy and Regulatory Services Section of the Legal Metrology Branch of the National Measurement Institute;
- (vi) This appointment revokes and replaces any previous appointments and/or any extensions granted to any previous appointments.

Notes:

This is an amended appointment due to a change of head office address.

James Cantrill
For Dr Richard Bruce Warrington
Chief Metrologist
National Measurement Institute

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