



Australian Government
Department of Industry, Science,
Energy 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 28, 175 Liverpool Street
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 materials(s):

Whole Grain Wheat and Whole Grain Barley

This appointment is for the period from 25 June 2020 to 24 June 2023 and is limited to the range specified in the attached schedule, and the use of procedures approved by the Chief Metrologist.

Dated this Twenty Fourth day of June 2020

Signed

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

Certificate: NMI2020-013-GRAINCORP-CARM Form No. NMI/CARM/2019 Page 1 of 4

Schedule to Appointment as a Certifying Authority for Reference Materials

**GrainCorp Operations Limited
(ABN 52 003 875 401)
Level 28, 175 Liverpool Street
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Australian National 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.

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%

Signatories

The following persons are the permitted signatories under this appointment with respect to Australian National Certified Reference Materials:

Name	Reference Material	Range
Fergus Dun	whole grain barley and wheat	as per the range and least
Joanne Butcher	whole grain barley and wheat	uncertainty specified above

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

Certificate: NMI2020-013-GRAINCORP-CARM Form No. NMI/CARM/2019 Page 2 of 4

Australian Trade Measurement 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 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%

Signatories

The following persons are the permitted signatories under this appointment with respect to Australian Trade Measurement Reference Materials:

Name	Reference Material	Range
Fergus Dun	whole grain barley and wheat	as per the range and least
Joanne Butcher	whole grain barley and wheat	uncertainty specified above

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).

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

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.
- (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:

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

Certificate: NMI2020-013-GRAINCORP-CARM Form No. NMI/CARM/2019 Page 4 of 4