

NATA Accredited Laboratory

National Association of Testing Authorities, Australia
(ABN 59 004 379 748)

has accredited

**Incitec Pivot Ltd
Incitec Pivot Laboratory
Nutrient Advantage Laboratory Services**

following demonstration of its technical competence
to operate in accordance with

ISO/IEC 17025

This facility is accredited in the field of

Chemical Testing

for the tests shown on the *Scope of Accreditation* issued by NATA



A J Russell
Chief Executive

Date of accreditation: 7 November 1996
Accreditation number: 11958



**WORLD RECOGNISED
ACCREDITATION**

NATA is Australia's government-endorsed laboratory accreditor, and a leader in accreditation internationally. NATA is a signatory to the international mutual recognition arrangements of the International Laboratory Accreditation Cooperation (ILAC) and the Asia Pacific Laboratory Accreditation Cooperation (APLAC).



Scope of Accreditation

ACCREDITATION NO: 11958

**Incitec Pivot Ltd
Nutrient Advantage Laboratory Services**

Incitec Pivot Laboratory
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WERRIBEE VIC 3030

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WEB SITE: www.incitecpivot.com.au/nutrientadvantage2.asp

FACILITIES: Public testing service

This facility complies with the requirements of ISO/IEC 17025:2005

7.61 Agricultural products and materials

.22 Soils

listed as determination(s) by technique(s) using method(s) -
Aluminium - exchangeable (potassium chloride extractable) by AAS (flame) using in-house Incitec Pivot 04-027
Boron (hot calcium chloride extractable) by ICP-AES using in-house Incitec Pivot 04-025
Chloride by SFA using in-house Incitec Pivot 04-052
Colour and texture by classical using in-house Incitec Pivot 04-042
DTPA trace elements - copper, iron, manganese, zinc by ICP-AES using in-house Incitec Pivot 04-024
Electrical conductivity by classical using in-house Incitec Pivot 04-031
Exchangeable cations - calcium, magnesium, potassium, sodium (ammonium acetate) by ICP-AES using in-house Incitec Pivot 04-026
Exchangeable cations - aluminium, calcium, magnesium, potassium, sodium (ammonium chloride/barium chloride) by ICP/AES using in-house Incitec Pivot 04-022
Mehlich III - aluminium, boron, calcium, copper, iron, magnesium, manganese, potassium, phosphorus, sodium, sulfur, zinc by ICP-AES using in-house Incitec Pivot 04-035
Moisture by classical using in-house Incitec Pivot 04-029
Nitrogen - ammonium (potassium chloride/sulphuric acid extractable) by FIA using in-house Incitec Pivot 04-043
Nitrogen - nitrate by SFA using in-house Incitec Pivot 04-052
Nitrogen - total Kjeldahl by FIA using in-house Incitec Pivot 04-040
Organic carbon - oxidisable by UV-vis spectrophotometric using in-house Incitec Pivot 04-018
pH (calcium chloride) by classical using in-house Incitec Pivot 04-031
pH (water) by classical using in-house Incitec Pivot 04-031
pH buffer by classical using in-house Incitec Pivot 04-047
Phosphorus - available (Bray) by FIA using in-house Incitec Pivot 04-002
Phosphorus - available (BSES) by FIA using in-house Incitec Pivot 04-004
Phosphorus - available (Colwell) by FIA using in-house Incitec Pivot 04-013
Phosphorus - available (Lactate) by UV-vis spectrophotometric using in-house Incitec Pivot 04-050



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Phosphorus - available (Olsen) by FIA using in-house Incitec Pivot 04-030
Phosphorus - total (Kjeldahl) by FIA using in-house Incitec Pivot 04-040
Phosphorus buffer index (PBI) by ICP-AES using in-house Incitec Pivot 04-020
Potassium - exchangeable (Colwell) by AAS (flame) using in-house Incitec Pivot 04-044
Potassium - exchangeable (nitric acid) by ICP-AES using in-house Incitec Pivot 04-015
Silicon - available (BSES) by FIA using in-house Incitec Pivot 04-004
Silicon - available (calcium chloride) by FIA using in-house Incitec Pivot 04-046
Slaking and dispersion by classical using in-house Incitec Pivot 04-041
Sulfur - available (calcium dihydrogen orthophosphate) by ICP-AES using in-house Incitec Pivot 04-016
Sulfur - available (potassium chloride) by ICP-AES using in-house Incitec Pivot 04-021
Zinc (hydrochloric acid) by ICP-AES using in-house Incitec Pivot 04-014

.23 Plant tissue

listed as determination(s) by technique(s) using method(s) -
Boron by ICP-AES using in-house Incitec Pivot 04-023
Calcium by ICP-AES using in-house Incitec Pivot 04-023
Chloride (hot and cold extraction) by SFA using in-house Incitec Pivot 04-045
Copper by ICP-AES using in-house Incitec Pivot 04-023
Iron by ICP-AES using in-house Incitec Pivot 04-023
Magnesium by ICP-AES using in-house Incitec Pivot 04-023
Manganese by ICP-AES using in-house Incitec Pivot 04-023
Nitrogen - nitrate (hot and cold extraction) by SFA using in-house Incitec Pivot 04-045
Nitrogen - total Kjeldahl by FIA using in-house Incitec Pivot 04-011
Phosphorus by ICP-AES using in-house Incitec Pivot 04-023
Potassium by ICP-AES using in-house Incitec Pivot 04-023
Sodium by ICP-AES using in-house Incitec Pivot 04-023
Sulfur by ICP-AES using in-house Incitec Pivot 04-023
Zinc by ICP-AES using in-house Incitec Pivot 04-023

Accreditation No: 11958

Corporate Site No: 11951

(Scope Last Changed 03/09/09)
