

Certificate of Accreditation

The Philippine Accreditation Office, Department of Trade and Industry,
grants accreditation to

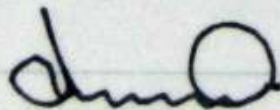
**Analytical Service Laboratory
International Rice Research Institute - CESD**
3/F, Kenzo Hemmi Laboratory,
International Rice Research Institute, College, Laguna

having been assessed and found conforming to the requirements of **PNS ISO/IEC 17025:2005** and the PAO conditions for laboratory accreditation in the field of **Chemical Testing** as specified in the Scope of Accreditation.

This accreditation demonstrates technical competence for the specified scope in Appendix No. **ATEL-1-1110-180A** and the operation of a laboratory quality management system that meets the principles of ISO 9001:2008.

This Certificate is valid until **22 November 2015** subject to continuing conformity with the criteria and PAO conditions for laboratory accreditation.

Issued this 23rd day of November 2010 at Makati City, Philippines.



JAIME LASARO L. OLMOS
Officer-in-Charge
Philippine Accreditation Office



**PAO ACCREDITED
TESTING LABORATORY
PNS ISO/IEC 17025:2005
LA-2010-180A**

SCOPE OF ACCREDITATION

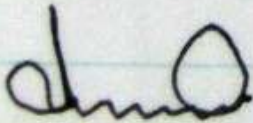
ATEL-1-1110-180A

**Analytical Service Laboratory
International Rice Research Institute - CESD
3/F, Kenzo Hemmi Laboratory,
International Rice Research Institute, College, Laguna**

Chemical Testing

Products / Class of Test	Specific tests or Measurements	Standard Method / Reference Standard
2.32 Agricultural Products and Materials		
.12 Soils .13 Plants	Macro and Micro Elements in Plant Tissue Al, Ca, Cu, Fe, Mg, Mn, Mo, P, K, Na, S, Zn	DV-ICP-OES/ Laboratory Developed Method
	Total Kjeldahl Nitrogen	Nitrogen Determination / Laboratory Developed Method
	Total Nitrogen and Total Carbon Analysis	Combustion Method/ Laboratory Developed Method
	N-15 and C-13 Analysis	Flash Combustion and Gas Chromatography-Isotope Ratio Mass Spectrometry
	pH measurement	Electrometric Method / Laboratory Developed Method

*This Scope of Accreditation is valid until **22 November 2015** subject to continuing conformity with the criteria and PAO conditions for accreditation.*



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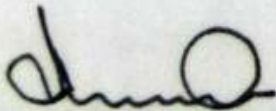
APPROVED SIGNATORIES

ATEL-2-1110-180A

**Analytical Service Laboratory
International Rice Research Institute - CESD
3/F, Kenzo Hemmi Laboratory,
International Rice Research Institute, College, Laguna**

Name	Program/Class of Test Chemical Testing
Lilia R. Molina Jennine Rose A. Lapis Ruben G. Chavez Marnol V. Santos	2.32 Agricultural Products and Materials .12 Soils .13 Plants
Christy S. Daniel	2.32 Agricultural Products and Materials .12 Soils .13 Plants Limited only for pH and Total Kjeldahl Nitrogen

*The List of PAO Approved Signatories is valid until **22 November 2015** subject to continuing conformity with the criteria and PAO conditions for accreditation.*



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