

## Scope of Laboratory Accreditation

Laboratory Name : Agricultural Products Analytical Laboratory (APAL)  
 Address : Seed Compound, West Gyogone, Insein Township, Yangon, Myanmar, 11011  
 Accreditation Number : TL 0006

Sr. No.	Product/ Materials of Test	Test/ Properties	Standard Methods/ Techniques
1	Pulses	Pesticide residues: - Phorate - Fonofos - Disulfoton - Tefluthrin - Methyl Parathion - Transfluthrin - Parathion - Allethrin - Resmethrin - Tetramethrin - Bifenthrin - Phenothrin - Lambda-Cyhalothrin 0.05 mg/kg to 0.20 mg/kg	The European Standard EN 15662 :2018
2	Corn	Aflatoxins B1 0.2 µg/kg to 2.0 µg/kg B2 0.05 µg/kg to 0.5 µg/kg G1 0.2 µg/kg to 2.0 µg/kg G2 0.05 µg/kg to 0.5 µg/kg	ISO 16050:2003

3	Rice	<ul style="list-style-type: none"><li>- Cadmium 0.01 mg/kg to 0.10 mg/kg</li><li>- Lead 0.18 mg/kg to 0.49 mg/kg</li><li>- Copper 0.05 mg/kg to 0.25 mg/kg</li><li>- Nickel 0.05 mg/kg to 0.25 mg/kg</li></ul>	AOAC Official methods of Analysis, 22 <sup>nd</sup> ed., 2023, method 990.10
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