



GRAINS PACKAGES

Package 1 - Maize package

Parameters	Technique/Standard
Moisture, %, m/m	EAS 901
Foreign matter, %, m/m	
Inorganic matter, %, m/m	
Pest damaged grains, %, m/m	
Rotten and diseased grains, %, m/m	
Discoloured grains, %, m/m	
Immature and shrivelled grains, %, m/m	
Filth, %, m/m	
Total defective grains, %, m/m	
Broken kernels, %, m/m	
Chemical Analysis	
Total aflatoxins (AFB ₁ +AFB ₂ +AFG ₁ +AFG ₂), µg/kg	
Aflatoxin B ₁ , µg/kg	
Fumonisin, mg/kg	

Package 2 - Beans package

Parameters	Technique/Standard
Foreign matter, % m/m	EAS 901
Other edible grains, % m/m	
Pest damaged grains, % m/m	
Contrasting varieties, % m/m	
Broken/split, % m/m	
Shrivelled/diseased and discoloured, % m/m	
Total defective grains, % m/m	
Filth, % m/m	
Moisture, % m/m	

Package 3 - Rice package

Parameters	Technique/Standard
Broken kernels, % m/m	
Damaged rice, % m/m	
Chalky and immature kernels, % m/m	
Red or red-streaked kernels, % m/m	
Other contrasting varieties, % m/m	

Foreign matter, % m/m	EAS 901
Inorganic matter, % m/m	
Paddy/husked rice, % m/m	
Filth, % m/m	
Moisture content, % m/m	
Chemical Analysis	
Total aflatoxins (B1+B2+G1 +G2), µg/kg	
Aflatoxin B1, µg/kg	

Package 4 - Wheat package	
Parameters	Technique
Moisture, % m/m, max.	EAS 901
Protein	Titrimetry
Foreign matter, % m/m, max.	EAS 901
Inorganic matter, % m/m, max.	EAS 901
Shrunken and broken kernels, % m/m, max.	EAS 901
Other edible grains (whole or identifiably broken), %	EAS 901
Germinated grains, m/m, max.	EAS 901
Pest damaged, m/m, max.	EAS 901
Diseased, m/m, max.	EAS 901
Discoloured grain, m/m, max.	EAS 901
Immature wheat grain, max.	EAS 901
Total defective grain, % m/m, max.	EAS 901
Noxious/harmful seeds, m/m, max.	EAS 901
Chemical Analysis	
Total aflatoxins (AFB1+AFB2+AFG1 +AFG2), µg/kg	ELISA
Aflatoxin B1, µg/kg	HPLC
Fumonisin mg/kg	HPLC
Ochratoxin A, µg/kg	HPLC

Microbiology package - Sesame seeds	
Parameters	Technique
Salmonella	Enrichment/Steak plate

Microbiology package - Chia seeds	
Parameters	Technique
Salmonella	Enrichment/Steak plate
Escherichia coli	Pour plate
Total plate count	Pour plate
Yeast and moulds	Pour plate