

Safety and quality requirements of grains and grain products

Scope of analysis	Limit	Legislations
Contaminants		
Tin (Sn)	250 mg/kg	Notification of the Ministry of Public Health No.98, 1986 (B.E.2529)
Zinc (Zn)	100 mg/kg	
Copper (Cu)	20 mg/kg	
Lead (Pb)	1 mg/kg	
Arsenic (As)	2 mg/kg	
Mercury (Hg)	0.5 mg/kg	
Aflatoxins	20 mg/kg	
Other contaminants*	Under the decision of the Thai Food and Drug Administration	
Pesticide residues		
MRLs as stipulated in TAS 9002-2013	As stipulated in TAS 9002-2013	Thai Agricultural Standard 9002-2013
EMRLs as stipulated in TAS 9003-2004	As stipulated in TAS 9003-2004	Thai Agricultural Standard 9003-2004
Hydrogen phosphide	0.1 mg/kg	Notification of the Ministry of Public Health No.361, 2013 (B.E.2556)
Methyl bromide	0.01 mg/kg	
Bromide ion	50 mg/kg	
Sulfuryl fluoride	0.1 mg/kg	
Radioactive contamination		
¹³¹ I, Iodine-131	Not more than 100 Bq/kg or Bq/l	Notification of the Ministry of Public Health No.334, 2011 (B.E.2554)
¹³⁴ Cs, Cesium-134 and ¹³⁷ Cs, Cesium-137	Not more than 500 Bq/kg or Bq/l in total	