

Test Report

Date of issue : 01-04-2022

Page 1 of 3 page(s)

Castco LRN: 220316-2084

Sample details as supplied by customer:-

Customer: Ying Ming Animal Husbandry Limited

Address: 71 Group Shop, 33 Hop Choi Street, Yuen Long

Sample Description : 黑真豬

Date Sampled: --

Laboratory Test Results:-

Date of sample received: 16-03-2022

Test period: 16-03-2022 to 31-03-2022

1) Toxic element and Heavy Metal Analysis

Test	Results	Maximum level of metal in food according to Food adulteration (metallic contamination) regulations - Meat (mg/kg) (For reference only)	Method
Arsenic As mg/kg(ppm)	ND	0.5	In-house method by employing inductively coupled plasma with mass spectrometry
Cadmium Cd mg/kg(ppm)	ND	0.05	
Mercury Hg mg/kg(ppm)	ND	0.05	
Lead Pb mg/kg(ppm)	ND	0.1	
Chromium Cr mg/kg(ppm)	ND	1	
Antimony Sb mg/kg(ppm)	ND	1	
Tin Sn mg/kg(ppm)	ND	N/A	

2) Beta agonists Analysis

Test	Results	Method
Clenbuterol µg/kg (ppb)	ND	In-house method by employing High Performance Liquid Chromatography with Tandem Mass Spectrometry
Terbutaline µg/kg (ppb)	ND	
Salbutamol µg/kg (ppb)	ND	
Zilpaterol µg/kg (ppb)	ND	

3) Antibiotics drug screening

Test	Results	Method
Chloramphenicol µg/kg (ppb)	ND	In-house method by employing High Performance Liquid Chromatography with Tandem Mass Spectrometry
Metabolites of Furazolidone (AOZ) µg/kg (ppb)	ND	
Metabolites of Furaladone (AMOZ) µg/kg (ppb)	ND	
Metabolites of Nitrofurantoin (AHD) µg/kg (ppb)	ND	
Metabolites of Nitrofurazone (SEM) µg/kg (ppb)	ND	

Test Report

Date of issue : 01-04-2022

Page 2 of 3 page(s)

Castco LRN: 220316-2084

Laboratory Test Results(cont'd):-


3) Antibiotics drug screening

Test	Results	Method
Sulfadiazine	µg/kg (ppb)	ND
Sulfamerazine	µg/kg (ppb)	ND
Sulfadimidine	µg/kg (ppb)	ND
Sulfamethoxazole	µg/kg (ppb)	ND
Oxytetracycline	µg/kg (ppb)	ND
Tetracycline	µg/kg (ppb)	In-house method by employing High Performance Liquid Chromatography with Tandem Mass Spectrometry
Chlortetracycline	µg/kg (ppb)	
Doxycycline	µg/kg (ppb)	
Enrofloxacin	µg/kg (ppb)	
Oxolinic acid	µg/kg (ppb)	
Benzylpenicillin	µg/kg (ppb)	
Dicloxacillin	µg/kg (ppb)	
Cloxacillin	µg/kg (ppb)	

Remark(s):

- Test results only relate to the specimen tested.
- ppm denotes part per million, ND denotes not detected, ppb denotes part per billion, N/A denotes Not available.
- The reporting limits of analytes are as follows respectively:
 Arsenic = 0.1mg/kg; Mercury = 0.03mg/kg; Lead = 0.1mg/kg; Tin = 1mg/kg; Chromium = 0.2mg/kg;
 Cadmium = 0.02mg/kg; Antimony = 0.2mg/kg
 Chloramphenicol = 0.3µg/kg;
 Sulfadiazine, Sulfamerazine, Sulfadimidine & Sulfamethoxazole = 20µg/kg each; Oxytetracycline, Tetracycline,
 Chlortetracycline & Doxycycline, Enrofloxacin, Oxolinic acid = 100µg/kg each;
 Benzylpenicillin = 50µg/kg; Dicloxacillin & Cloxacillin = 150 µg/kg each
 Clenbuterol; Salbutamol; Terbutaline; Zilpaterol; = 1 µg/kg each
 Metabolites of Furazolidone, Metabolites of Furaladone, Metabolites of Nitrofurazone and
 Metabolites of Nitrofurantoin are 1µg/kg each
- Nitrofurans and its metabolites consist of Metabolites of Furazolidone(AOZ), Metabolites of Furaladone(AMAZ),
 Metabolites of Nitrofurazone(SEM) and Metabolites of Nitrofurantoin(AHD).

Checked by :


 Wong Chi Ho

Assistant Technical Manager

Certified by:


 Lo Tim Lun

Senior Manager

Test Report

Date of issue : 01-04-2022

Page 3 of 3 page(s)

Castco LRN: 220316-2084

For Reference only**Food Adulteration (Metallic Contamination) Regulations (Cap. 132, section 55(1))**

Maximum Level of Metal in Food

Column 1	Column 2	Column 3	Column 4
Metal	Food	Maximum Level (mg/kg)	Note
Antimony	Meat of animal	1	note 1
Arsenic (expressed as total arsenic)	Meat of animal	0.5	note 1
Cadmium	Meat of cattle, pigs, goat and sheep	0.05	note 1
Chromium	Meat of animal	1	note 1
Lead	Meat of cattle, pig, goat and sheep	0.1	note 1
Mercury (expressed as total mercury)	Meat of animal	0.05	note 1

Note 1: Applies to edible portion after removal of bones (if any) and to fat from the meat.

End of report