

### Test Report

Date of issue : 08-03-2022

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Castco LRN: 220218-2084

#### Sample details as supplied by customer:-

Customer: 佰份佰本地有限公司

Customer Ref. No.: --

Address: 元朗安寧路59B同昌樓地下6號舖

Contract No.: --

Manufacturer: --

Sample / Batch No. : --

Sample Description : 100%香港飼養新鮮本地豬肉

Sampling date: 18-02-2022

#### Laboratory Test Results:-

Date of sample received: 18-02-2022

Test period: 18-02-2022 to 07-03-2022

Method used:

- 1-7: In-house method by employing inductively coupled plasma mass spectrometry
- 8 - 11: In-house method by employing high performance liquid chromatography with tandem mass spectrometry
- 12 - 29: In-house method by employing high performance liquid chromatography with tandem mass spectrometry
- 30: Genetic analysis: OIE Terrestrial Manual 2012, Chapter 2.8.1 African Swine Fever  
DNA extraction followed by Qualitative Polymerase chain reaction (PCR)

#### Toxic element and Heavy Metal Analysis

Test Item(s)	Result(s) (mg/kg)	Maximum level of metal in food according to Food adulteration (metallic contamination) regulations - meat (mg/kg) (For reference only)
1. Antimony content 銻含量	mg/kg(ppm) Not Detected 檢測不到	1
2. Arsenic content 砷含量	mg/kg(ppm) Not Detected 檢測不到	0.5
3. Cadmium content 鎘含量	mg/kg(ppm) Not Detected 檢測不到	0.05
4. Chromium content 鉻含量	mg/kg(ppm) Not Detected 檢測不到	1
5. Lead content 鉛含量	mg/kg(ppm) Not Detected 檢測不到	0.1
6. Mercury content 汞含量	mg/kg(ppm) Not Detected 檢測不到	0.05
7. Tin content 錫含量	mg/kg(ppm) Not Detected 檢測不到	N/A

#### Beta agonists Analysis

Test	Result(s)
8. Clenbuterol 克崙特羅	µg/kg (ppb) Not Detected 檢測不到
9. Terbutaline 特布他林	µg/kg (ppb) Not Detected 檢測不到
10. Salbutamol 沙丁胺醇	µg/kg (ppb) Not Detected 檢測不到
11. Zilpaterol 齊帕特羅	µg/kg (ppb) Not Detected 檢測不到

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#### Laboratory Test Results(cont'd):-

##### Antibiotics drug screening

Test	Results
12. Chloramphenicol 氯霉素 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
13. Metabolites of Furazolidone (AOZ) 呋喃唑酮 (AOZ) 代謝物 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
14. Metabolites of Furaltadone (AMOZ) 呋喃曲坦 (AMOZ) 代謝物 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
15. Metabolites of Nitrofurantoin (AHD) 呋喃妥因 (AHD) 代謝物 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
16. Metabolites of Nitrofurazone (SEM) 呋喃西林 (SEM) 代謝物 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
17. Sulfadiazine 磺胺嘧啶 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
18. Sulfamerazine 磺胺甲噁啶 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
19. Sulfadimidine 磺胺二甲噁啶 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
20. Sulfamethoxazole 磺胺甲噁唑 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
21. Oxytetracycline 土霉素 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
22. Chlortetracycline 金黴素 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
23. Tetracycline 四環素 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
24. Doxycycline 強力黴素 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
25. Enrofloxacin 恩諾沙星 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
26. Oxolinic acid 惡喹酸 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
27. Benzylpenicillin 苄青黴素 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
28. Dicloxacillin 雙氯西林 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到
29. Cloxacillin 氯唑西林 $\mu\text{g}/\text{kg}$ (ppb)	Not Detected 檢測不到

##### Molecular Identification test

Test	Results
30. African Swine Fever (ASF) Virus, Qualitative PCR and Confirmation with PCR-RFLP 非洲豬瘟病毒, 應用聚合酶連鎖反應定性測試及聚合酶連鎖反應-限制酶片段長度多型性確認測試	Not Detected 檢測不到

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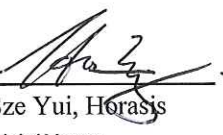
Laboratory Test Results(cont'd):-

Remark(s):

1. Test results only relate to the specimen tested.
2. ppm denotes part per million, ppb denotes part per billion, ND denotes not detected.
3. 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
4. Nitrofurans and its metabolites consist of Metabolites of Furazolidone(AOZ), Metabolites of Furaladone(AMTZ),  
 Metabolites of Nitrofurazone(SEM) and Metabolites of Nitrofurantoin(AHD).

Checked by :

  
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 Assistant Technical Manager

  
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Certified by :

  
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**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**