



Certificate No. : L1087-140716

財團法人全國認證基金會
Taiwan Accreditation Foundation

Certificate of Accreditation

This is to certify that

FSI International-Asia Pacific Office

Food Safety Institute International-Asia Pacific Office

No.28, Aly. 15, Ln. 120, Sec. 1, Neihu Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

is accredited in respect of laboratory

Accreditation Criteria : ISO/IEC 17025: 2005
Accreditation Number : 1087
Originally Accredited : June 01, 2003
Effective Period : October 03, 2013 to October 02, 2016
Accredited Scope : Testing Field, see described in the Appendix

Jay-San Chen
President, Taiwan Accreditation Foundation
Date : July 16, 2014



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Accreditation Number : 1087

Laboratory Head : HO, Chung-Ping

09.99 Foods

Fishery Products

C070 Lead ,Cadmium

DOH No. 1021950329 Method of Test for Heavy Metals in Aquatic Animal– Test of Lead and Cadmium
(0.02 to 10) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

C070 Methyl Mercury

DOH No. 1021950329 Method of Test for Methyl Mercury in Foods(2)
(0.04 to 20) mg/kg

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

09.99 Foods

Frozen Food, Preserved Food, Convenient Food

B004 Escherichia coli

DOH1021951163 Methods of Test for Food Microorganisms -Test of Escherichia coli
Negative to > 1100 MPN/g (mL)

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

09.99 Foods

Frozen Food, Preserved Food, Sauce, Convenient Food

B001 Aerobic Plate Counts

DOH1021950329 Methods of Test for Food Microorganisms- Test of Standard Plate Count
(Aerobic Plate Count)
Negative to > 10⁸ CFU/g (mL)

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan



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■ 09.99 Foods

Frozen Food, Preserved food, Convenient food

B003 Coliforms

DOH1021950329 Methods of Test for Food Microorganisms-Test of Coliform bacteria

Negative to > 1100 MPN/g (mL)

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

■ 09.99 Foods

Frozen Food, Preserved food, convenient food

C114 Preservative

DOH1021950692 Method of Test for Preservatives in Foods

benzoic acid: (0.02 to 0.5) g/kg

sorbic acid: (0.02 to 0.5) g/kg

dehydroacetic acid: (0.02 to 0.5) g/kg

p-hydroxybenzoic acid: (0.02 to 0.5) g/kg

salicylic acid: (0.02 to 0.5) g/kg

methyl p-hydroxybenzoate : (0.005 to 0.5) g/kg

ethyl p-hydroxybenzoate: (0.005 to 0.5) g/kg

isopropyl p-hydroxybenzoate: (0.005 to 0.5) g/kg

propyl p-hydroxybenzoate: (0.005 to 0.5) g/kg

secbutyl p-hydroxybenzoate: (0.005 to 0.5) g/kg

isobutyl p-hydroxybenzoate: (0.005 to 0.5) g/kg

butyl p-hydroxybenzoate: (0.005 to 0.5) g/kg

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

■ 09.99 Foods

Edible Mushrooms

C070 Lead 、 Cadmium

DOH No. 1021950329 Method of Test for Heavy Metals in Edible Mushrooms- Test of Cadmium and Lead

(0.1 to 10) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

■ 09.99 Foods

Rice



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C070 Lead、Cadmium

DOH No. 1021950329-General Method of Test for Heavy Metals
(0.01 to 10) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

C070 Hg

DOH No. 1021950548 Method of Test for Heavy Metals in Rice—Test of Mercury
(0.005 to 10) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

09.99 Foods

Food

B003 Coliforms

AOAC 991.14

Negative to 10^8 CFU/g (mL)

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

B004 Escherichia coli

AOAC 991.14

Negative to 10^8 CFU/g (mL)

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

C070 Heavy Metal

DOH 1021950329 General Method of Test for Heavy Metals

Cu:(0.01 to 100) mg/kg

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

C070 Heavy Metal

DOH 1021950329 General Method of Test for Heavy Metals

Pb: (0.01 to 100) mg/kg

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan



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C114 Propionic Acid

DOH No. 1021950329 Method of Test for Preservatives in Foods Test of Propionic Acid
(0.5 to 100) g/kg

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

09.99 Foods

Food 、 Wines

C149 Sulfur Dioxide

DOH No.1021950329 Method of Test for Sulfur Dioxide in Foods

DOH No.1010039470

(0.01 to 5) g/kg

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

09.99 Foods

Meat, Poultry, Fishery Product

C158 Residue of Veterinary Drugs

DOH 102950329 Method of Test for Veterinary Drug Residues in Foods- Method for
Multiresidue Analysis (2)

Danofloxacin: (0.01 to 10) ppm

Enrofloxacin: (0.01 to 10) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

09.99 Foods

Meat 、 Poultry 、 Fishery Products

C158 Multiresidue Analysis

DOH NO. 1021950329 Method of Test for Veterinary Drug Residues in Foods-Method for
Multiresidue Analysis (2)

Azaperol: (0.01 to 10) ppm

azaperone : (0.01 to 10) ppm

ciprofloxacin : (0.01 to 10) ppm

clopidol: (0.01 to 10) ppm

danofloxacin : (0.01 to 10) ppm

dicyclanil: (0.01 to 10) ppm

difloxacin: (0.01 to 10) ppm

enrofloxacin : (0.01 to 10) ppm



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eprinomectin: (0.01 to 10) ppm
ethopabate: (0.01 to 10) ppm
fleroxacin: (0.01 to 10) ppm
flumequine : (0.01 to 10) ppm
lomefloxacin: (0.01 to 10) ppm
marbofloxacin: (0.01 to 10) ppm
morantel: (0.01 to 10) ppm
nalidixic acid : (0.01 to 10) ppm
norfloxacin: (0.01 to 10) ppm
oxolinic acid : (0.01 to 10) ppm
pefloxacin: (0.01 to 10) ppm
pipemidic acid: (0.01 to 10) ppm
piromidic acid: (0.01 to 10) ppm
succinylsulfathiazole: (0.01 to 10) ppm
sulfabenzamide: (0.01 to 10) ppm
sulfacetamide : (0.01 to 10) ppm
sulfachlorpyridazine : (0.01 to 10) ppm
sulfadiazine : (0.01 to 10) ppm
sulfadimethoxine : (0.01 to 10) ppm
sulfadoxine : (0.01 to 10) ppm
sulfaethoxypyridazine : (0.01 to 10) ppm
sulfaguanidine : (0.01 to 10) ppm
sulfamerazine : (0.01 to 10) ppm
sulfameter : (0.01 to 10) ppm
sulfamethazine : (0.01 to 10) ppm
sulfamethizole: (0.01 to 10) ppm
sulfamethoxazole : (0.01 to 10) ppm
sulfamethoxypyridazine : (0.01 to 10) ppm
sulfamonomethoxine : (0.01 to 10) ppm
sulfapyridine : (0.01 to 10) ppm
sulfaquinoxaline : (0.01 to 10) ppm
sulfathiazole : (0.01 to 10) ppm
sulfatroxazole: (0.01 to 10) ppm
tetramisole: (0.01 to 10) ppm
trimethoprim : (0.01 to 10) ppm
Carazolol: (0.002 to 10) ppm
Fluazuron: (0.05 to 10) ppm
ormetoprim : (0.05 to 10) ppm
sarafloxacin: (0.005 to 10) ppm
trichlorfon: (0.005 to 10) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan



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■ 09.99 Foods

Meat、Poultry、Egg Products

C158 Pyrimethamine

Chapters of "Veterinary and feed additives" in "Food Sanitation Inspection Guidance (p.26 - 43)" published by Japan Food Hygiene Association (2003), and supervised by Japan Ministry of Health, Labour and Welfare.

(0.001 to 0.1) mg/kg

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

■ 09.99 Foods

Slaughtered Meat

C158 Sulfadugs

DOH 102950329 Method of Test for Veterinary Drug Residues in Foods-Method for Multiresidue Analysis (2)

Sulfathiazole: (0.01 to 10.0) ppm

Sulfamethazine: (0.01 to 10.0) ppm

Sulfamonomethoxine: (0.01 to 10.0) ppm

Sulfadimethoxine: (0.01 to 10.0) ppm

Sulfaquinoxaline: (0.01 to 10.0) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

■ 09.99 Foods

Slaughtered Meat, Frozen Food, Preserved Food, Convenient Food

B007 Staphylococcus aureus

DOH1021950329 Methods of Test for Food Microorganisms- Test of Staphylococcus aureus
Negative to > 1100 MPN/g (mL)

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

B008 Salmonella

DOH 0951180021

Positive / Negative

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan



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09.99 Foods

Slaughtered Meat, fish, egg and honey

B043 Antibiotic Residue

DOH1021950329 Method of Test for Veterinary Drug Residues in Foods- Test of Antibiotic Substances

Negative / Positive

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

09.99 Foods

Fish, Shrimp and Lobster, Crab

C158 Residue of Veterinary Drugs-Malachite Green and its Metabolite

DOH 1021950329 Method of Test for Veterinary Drug Residues in Foods- Test of Malachite Green and its Metabolites

malachite green and its metabolites:(0.5 to 5) ppb

malachite green, leucomalachite green

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

C158 Residue of Veterinary Drugs-Nitrofurantoin Metabolites

DOH 1021950758 Method of Test for Veterinary Drug Residues in Foods- Test of Nitrofurantoin Metabolites

Nitrofurantoin:

AOZ (3-amino-2-oxazolidinone):(0.1 to 5) µg/kg (ppb)

AMOZ (5-methylmorpholino-3-amino-2-oxazolidinone):(0.1 to 5) ppb

SC (semicarbazide) :(0.1 to 5) ppb

AH (1-aminohydantoin):(0.1 to 5) ppb

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

09.99 Foods

Poultry(Chicken, Duck, Goose), Meat(Pork), Fish Product

C158 Residue of Veterinary Drugs-Tetracyclines

DOH 1021950329 Method of Test for Veterinary Drug Residues in Foods — Test of Tetracyclines

Tetracycline: (5 to 1000) ppb

Oxytetracycline: (5 to 1000) ppb

Chlortetracycline: (5 to 1000) ppb

Doxycycline: (5 to 1000) ppb



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4-epimer-tetracycline: (5 to 1000) ppb
4-epimer-oxytetracycline: (5 to 1000) ppb
4-epimer-chlortetracycline: (5 to 1000) ppb

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

■ 09.99 Foods

Agricultural, Meat, Poultry, Fish products

C158 Residue of Veterinary Drugs-Chloramphenicol, Thiamphenicol and Florfenicol
DOH 0991903105

Chloramphenicol: (0.3 to 1000) ppb
Thiamphenicol: (0.3 to 1000) ppb
Florfenicol: (0.3 to 1000) ppb

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

■ 09.99 Foods

Fruits, vegetables and vegetable juice

C070 Heavy Metal
DOH 1021950329

As(0.01 to 100) mg/kg
Cd(0.01 to 100) mg/kg
Hg(0.01 to 100) mg/kg

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

■ 09.99 Foods

Chicken, Duck, Goose, Pork, Chicken Liver, Duck Liver, Goose Liver, Pork Liver

C158 Residue of Veterinary Drugs-Agonists
DOH 1001900952

Clenbuterol: (0.3 to 150) ppb
Salbutamol: (0.3 to 150) ppb
Terbutaline: (0.3 to 150) ppb
Ractopamin: (0.3 to 150) ppb
Zilpaterol: (0.3 to 150) ppb
Cimaterol: (0.3 to 150) ppb
tulobuterol : (0.3 to 150) ppb

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan



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■ 09.99 Foods

Poultry, egg, chicken liver

C158 Residue of Veterinary Drugs-Nicarbazin

DOH 1021950329 Method of Test for Veterinary Drug Residues in Foods— Test of
Nicarbazin

Nicarbazin: (0.01 to 100) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

■ 13.02 Environmental Protection

water

C047 Conductivity

NIEA W203.5

(10 to 2000) ms/cm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

C091 pH

NIEA W424.5

(2 to 12)

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

■ 13.02 Environmental Protection

Drinking Water, River Water, Ground Water

C070 Heavy Metal

In house method refer to NIEA W311.52C

Document No.: FSIC5-M-005

As: (0.005 to 2) mg/L

Hg: (0.005 to 2) mg/L

Cd: (0.005 to 2) mg/L

Cr: (0.005 to 2) mg/L

Cu: (0.005 to 2) mg/L

Pb: (0.005 to 2) mg/L

Ni: (0.005 to 2) mg/L

Zn: (0.005 to 2) mg/L

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan



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13.03 Environmental Protection

Soil

C070 Heavy Metal

Document: FSIC5-M-005

Zn: (1 to 500) mg/kg (ppm)

Cd: (0.007 to 500) mg/kg (ppm)

Cr: (0.6 to 500) mg/kg (ppm)

Cu: (0.6 to 500) mg/kg (ppm)

Pb: (0.8 to 500) mg/kg (ppm)

Ni: (0.35 to 500) mg/kg (ppm)

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

C070 Heavy Metal

Reference to NIEA S310.64B and NIEA M317.03B

In house method: FSIC5-M-005

As: (0.3 to 500) mg/kg (ppm)

Hg: (0.1 to 500) mg/kg (ppm)

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

18.99 Commodity

Food Utensils, Containers and Packages

C061 Leaching Test

DOH No. 1021950329

Method of Test for Food Utensils, Containers and Packages-Test of Polyethylene Plastic Products

potassium permanganate consumption: (1 to 100) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

C061 Leaching Test

DOH No. 1021950329

Method of Test for Food Utensils, Containers and Packages-Test of Polyethylene Plastic Products

Heavy metal, Pb: (1 to 100) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan



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C061 Leaching Test

DOH No. 1021950329

Method of Test for Food Utensils, Containers and Packages-Test of Polyethylene Plastic Products

evaporate residue: (1 to 500) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

C061 Leaching

DOH No. 1021950329

Method of Test for Food Utensils, Containers and Packages-Test of Polypropylene Plastic Products

potassium permanganate consumption: (1 to 100) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

C061 Leaching Test

DOH No. 1021950329

Method of Test for Food Utensils, Containers and Packages-Test of Polypropylene Plastic Products

Heavy metal, Pb: (1 to 100) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

C061 Leaching Test

DOH No. 1021950329

Method of Test for Food Utensils, Containers and Packages-Test of Polypropylene Plastic Products

evaporate residue: (1 to 500) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

C070 material test

DOH No. 1021950329

Method of Test for Food Utensils, Containers and Packages-Test of Polyethylene Plastic Products

Pb: (1 to 1500) ppm

Cd: (0.1 to 1500) ppm



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Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

C070 material test

DOH No. 1021950329

Method of Test for Food Utensils, Containers and Packages-Test of Polypropylene Plastic Products

Pb: (1 to 1500) ppm

Cd: (0.1 to 1500) ppm

Approval Signatory: HO, Chung-Ping; LIN, Hsiao-Lan

(Null below)