



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

Certification Accreditation
(Certificate No : L0664-220304)

This is to certify that

Chengshiu University
Super Micro Mass Research and Technology Center
No.840, Chengcing Rd., Niaosong Dist., Kaohsiung City, Taiwan (R.O.C.)

is accredited in respect of laboratory

Accreditation Criteria : ISO/IEC 17025:2017 ; CNS 17025:2018

Accreditation Number : 0664

Originally Accredited : November 15, 2000

Effective Period : March 04, 2022 to March 03, 2025

Accredited Scope : Testing Field, see described in the Appendix



Scan to verify

Ching-Chang Lien

Ching-Chang Lien
President, Taiwan Accreditation Foundation
March 04, 2022

Accreditation Number : 0664

Laboratory Head : YU, Cheing-Yuan

12. 01 Agricultural Products
feed

C227 Dioxin-like PCB

Reference Food Sanitation Regulation 1021950329 of 6 Sep 2013, Method of test for residual dioxins and dioxin-like PCBs in foods (MOHWO0003.01)(announce assignation CNS14758 N6369) In house method

Doc. No.: DA-others-chapter 19

- (1)PCB#77(4CL) : (0.263 to 702) ng/kg(a moisture content of 12 %)
- (2)PCB#81(4CL) : (0.263 to 702) ng/kg(a moisture content of 12 %)
- (3)PCB#105(5CL) : (0.088 to 702) ng/kg(a moisture content of 12 %)
- (4)PCB#114(5CL) : (0.088 to 702) ng/kg(a moisture content of 12 %)
- (5)PCB#118(5CL) : (0.088 to 702) ng/kg(a moisture content of 12 %)
- (6)PCB#123(5CL) : (0.088 to 702) ng/kg(a moisture content of 12 %)
- (7)PCB#126(5CL) : (0.088 to 702) ng/kg(a moisture content of 12 %)
- (8)PCB#156(6CL) : (0.088 to 702) ng/kg(a moisture content of 12 %)
- (9)PCB#157(6CL) : (0.088 to 702) ng/kg(a moisture content of 12 %)
- (10)PCB#167(6CL) : (0.088 to 702) ng/kg(a moisture content of 12 %)
- (11)PCB#169(6CL) : (0.088 to 702) ng/kg(a moisture content of 12 %)
- (12)PCB#189(7CL) : (0.088 to 702) ng/kg(a moisture content of 12 %)
- (13)Total TEQ : (0.012 to 91.7) ng WHO-TEQ/kg(a moisture content of 12 %)

Approval Signatory:YU, Cheing-Yuan; CHEN, Fu-Guan; HUANG, Ming-Feng

C227 Dioxin

Reference Food Sanitation Regulation 1021950329 of 6 Sep 2013, Method of test for residual dioxins and dioxin-like PCBs in foods (MOHWO0003.01)(announce assignation CNS14758 N6369) In house method

Doc. No.: DA-others-chapter 19

- (1)2,3,7,8-TeCDF : (0.022 to 8.77) ng/kg(a moisture content of 12 %)
- (2)1,2,3,7,8-PeCDF : (0.044 to 43.9) ng/kg(a moisture content of 12 %)
- (3)2,3,4,7,8-PeCDF : (0.044 to 43.9) ng/kg(a moisture content of 12 %)
- (4)1,2,3,4,7,8-HxCDF : (0.044 to 43.9) ng/kg(a moisture content of 12 %)
- (5)1,2,3,6,7,8-HxCDF : (0.044 to 43.9) ng/kg(a moisture content of 12 %)
- (6)2,3,4,6,7,8-HxCDF : (0.044 to 43.9) ng/kg(a moisture content of 12 %)
- (7)1,2,3,7,8,9-HxCDF : (0.044 to 43.9) ng/kg(a moisture content of 12 %)
- (8)1,2,3,4,6,7,8-HpCDF : (0.044 to 43.9) ng/kg(a moisture content of 12 %)
- (9)1,2,3,4,7,8,9-HpCDF : (0.044 to 43.9) ng/kg(a moisture content of 12 %)
- (10)OCDF : (0.088 to 87.7) ng/kg(a moisture content of 12 %)
- (11)2,3,7,8-TeCDD : (0.022 to 8.77) ng/kg(a moisture content of 12 %)

P2, total 4 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix



- (12)1,2,3,7,8-PeCDD : (0.044 to 43.9) ng/kg(a moisture content of 12 %)
 (13)1,2,3,4,7,8-HxCDD : (0.044 to 43.9) ng/kg(a moisture content of 12 %)
 (14)1,2,3,6,7,8-HxCDD : (0.044 to 43.9) ng/kg(a moisture content of 12 %)
 (15)1,2,3,7,8,9-HxCDD : (0.044 to 43.9) ng/kg(a moisture content of 12 %)
 (16)1,2,3,4,6,7,8-HpCDD : (0.044 to 43.9) ng/kg(a moisture content of 12 %)
 (17)OCDD : (0.088 to 87.7) ng/kg(a moisture content of 12 %)
 (18)Total TEQ : (0.115 to 100) ng WHO-TEQ/kg(a moisture content of 12 %)

Approval Signatory:YU, Cheing-Yuan; CHEN, Fu-Guan; HUANG, Ming-Feng

14. 09 Biological Science and Technology

Plant

C227 Dioxin

Reference NIEA M801 and Food Sanitation Regulation 1021950329 of 6 Sep 2013,
 Method of test for residual dioxins and dioxin-like PCBs in foods (MOHWO0003.01)
 (announce assignation CNS14758 N6369) In house method

Doc. No.: DA-others-chapter 2

- (1)2,3,7,8-TeCDF : (0.025 to 10) pg/g
 (2)1,2,3,7,8-PeCDF : (0.050 to 50) pg/g
 (3)2,3,4,7,8-PeCDF : (0.050 to 50) pg/g
 (4)1,2,3,4,7,8-HxCDF : (0.050 to 50) pg/g
 (5)1,2,3,6,7,8-HxCDF : (0.050 to 50) pg/g
 (6)2,3,4,6,7,8-HxCDF : (0.050 to 50) pg/g
 (7)1,2,3,7,8,9-HxCDF : (0.050 to 50) pg/g
 (8)1,2,3,4,6,7,8-HpCDF : (0.050 to 50) pg/g
 (9)1,2,3,4,7,8,9-HpCDF : (0.050 to 50) pg/g
 (10)OCDF : (0.100 to 100) pg/g
 (11)2,3,7,8-TeCDD : (0.025 to 10) pg/g
 (12)1,2,3,7,8-PeCDD : (0.050 to 50) pg/g
 (13)1,2,3,4,7,8-HxCDD : (0.050 to 50) pg/g
 (14)1,2,3,6,7,8-HxCDD : (0.050 to 50) pg/g
 (15)1,2,3,7,8,9-HxCDD : (0.050 to 50) pg/g
 (16)1,2,3,4,6,7,8-HpCDD : (0.050 to 50) pg/g
 (17)OCDD : (0.100 to 100) pg/g
 (18)Total TEQ : (0.131 to 114.1) pg WHO-TEQ/g , (0.117 to 100.12 pg I-TEQ/g

Approval Signatory:YU, Cheing-Yuan; CHEN, Fu-Guan; HUANG, Ming-Feng

14. 99 Biological Science and Technology

blood

C227 Dioxin

Reference NIEA M801 In house method

Doc. No.: DA-others-chapter 3

- (1)2,3,7,8-TeCDF : (2.0 to 2000) pg/g

P3, total 4 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix



- (2)1,2,3,7,8-PeCDF : (5.0 to 10000) pg/g
- (3)2,3,4,7,8-PeCDF : (5.0 to 10000) pg/g
- (4)1,2,3,4,7,8-HxCDF : (5.0 to 10000) pg/g
- (5)1,2,3,6,7,8-HxCDF : (5.0 to 10000) pg/g
- (6)2,3,4,6,7,8-HxCDF : (5.0 to 10000) pg/g
- (7)1,2,3,7,8,9-HxCDF : (5.0 to 10000) pg/g
- (8)1,2,3,4,6,7,8-HpCDF : (5.0 to 10000) pg/g
- (9)1,2,3,4,7,8,9-HpCDF : (5.0 to 10000) pg/g
- (10)OCDF : (10 to 20000) pg/g
- (11)2,3,7,8-TeCDD : (2.0 to 2000) pg/g
- (12)1,2,3,7,8-PeCDD : (5.0 to 10000) pg/g
- (13)1,2,3,4,7,8-HxCDD : (5.0 to 10000) pg/g
- (14)1,2,3,6,7,8-HxCDD : (5.0 to 10000) pg/g
- (15)1,2,3,7,8,9-HxCDD : (5.0 to 10000) pg/g
- (16)1,2,3,4,6,7,8-HpCDD : (5.0 to 10000) pg/g
- (17)OCDD:(10 to 20000) pg/g
- (18)Total TEQ : (12.5 to 22812) pg WHO-TEQ/g

Approval Signatory:YU, Cheing-Yuan; CHEN, Fu-Guan; HUANG, Ming-Feng

(Null below)

