



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

認證證書

(證書編號：L0664-250303)

茲證明

正修學校財團法人正修科技大學

超微量研究科技中心

高雄市鳥松區澄清路 840 號

為本會認證之實驗室

認證依據：ISO/IEC 17025：2017；CNS 17025：2018

認證編號：0664

初次認證日期：八十九年十一月十五日

認證有效期間：一百一十四年三月四日至一百一十七年三月三日止

認證範圍：測試領域，如續頁

董事長

陳怡鈴



掃描確認真偽

中華民國一一四年三月三日

認證編號：0664
實驗室主管：余建源

▼ 12.01 農業產品

飼料

C227 戴奧辛類多氯聯苯

自訂方法-飼料中戴奧辛呋喃及多氯聯苯檢測方法(文件編號 DA-其他類-第 19 章), 參考衛生福利部 112.08.15 衛授食字第 1121901392 號公告修正食品中戴奧辛/呋喃及多氯聯苯之檢驗方法(MOHWO0026.01)

PCB#77 (4CL) : (0.088 to 702) ng/kg 12%H₂O
PCB#81 (4CL) : (0.088 to 702) ng/kg 12%H₂O
PCB#105 (5CL) : (0.088 to 702) ng/kg 12%H₂O
PCB#114 (5CL) : (0.088 to 702) ng/kg 12%H₂O
PCB#118 (5CL) : (0.088 to 702) ng/kg 12%H₂O
PCB#123 (5CL) : (0.088 to 702) ng/kg 12%H₂O
PCB#126 (5CL) : (0.088 to 702) ng/kg 12%H₂O
PCB#156 (6CL) : (0.088 to 702) ng/kg 12%H₂O
PCB#157 (6CL) : (0.088 to 702) ng/kg 12%H₂O
PCB#167 (6CL) : (0.088 to 702) ng/kg 12%H₂O
PCB#169 (6CL) : (0.088 to 702) ng/kg 12%H₂O
PCB#189 (7CL) : (0.088 to 702) ng/kg 12%H₂O
Total: (1.053 to 8421) ng/kg 12%H₂O
Total TEQ: (0.011 to 91.7) ng
WHO-PCB-TEQ/kg 12%H₂O

報告簽署人: 余建源; 陳福冠; 黃明豐

C227 戴奧辛

自訂方法-飼料中戴奧辛呋喃及多氯聯苯檢測方法(文件編號 DA-其他類-第 19 章), 參考衛生福利部 112.08.15 衛授食字第 1121901392 號公告修正食品中戴奧辛/呋喃及多氯聯苯之檢驗方法(MOHWO0026.01)

2, 3, 7, 8-TeCDF: (0.022 to 8.77) ng/kg 12% H₂O
1, 2, 3, 7, 8-PeCDF: (0.044 to 43.9) ng/kg 12% H₂O
2, 3, 4, 7, 8-PeCDF: (0.044 to 43.9) ng/kg 12% H₂O
1, 2, 3, 4, 7, 8-HxCDF: (0.044 to 43.9) ng/kg 12% H₂O
1, 2, 3, 6, 7, 8-HxCDF: (0.044 to 43.9) ng/kg 12% H₂O
2, 3, 4, 6, 7, 8-HxCDF: (0.044 to 43.9) ng/kg 12% H₂O
1, 2, 3, 7, 8, 9-HxCDF: (0.044 to 43.9) ng/kg 12% H₂O
1, 2, 3, 4, 6, 7, 8-HpCDF: (0.044 to 43.9) ng/kg 12% H₂O
1, 2, 3, 4, 7, 8, 9-HpCDF: (0.044 to 43.9) ng/kg 12% H₂O
OCDF: (0.088 to 87.7) ng/kg 12% H₂O
2, 3, 7, 8-TeCDD: (0.022 to 8.77) ng/kg 12% H₂O
1, 2, 3, 7, 8-PeCDD: (0.044 to 43.9) ng/kg 12% H₂O
1, 2, 3, 4, 7, 8-HxCDD: (0.044 to 43.9) ng/kg 12% H₂O
1, 2, 3, 6, 7, 8-HxCDD: (0.044 to 43.9) ng/kg 12% H₂O
1, 2, 3, 7, 8, 9-HxCDD: (0.044 to 43.9) ng/kg 12% H₂O
1, 2, 3, 4, 6, 7, 8-HpCDD: (0.044 to 43.9) ng/kg 12% H₂O
OCDD: (0.088 to 87.7) ng/kg 12% H₂O



Total: (0.789 to 763) ng/kg 12% H₂O
Total TEQ: (0.115 to 100) ng WHO-PCDD/F-TEQ/kg 12% H₂O

報告簽署人: 余建源; 陳福冠; 黃明豐

▼ 13.05 環境保護

排放管道空氣

C227 戴奧辛及呋喃

NIEA A808, USEPA Method 23

2, 3, 7, 8-TeCDF: (0.000069 to 0.60) ng / m³
1, 2, 3, 7, 8-PeCDF: (0.000164 to 3.00) ng / m³
2, 3, 4, 7, 8-PeCDF: (0.000125 to 3.00) ng / m³
1, 2, 3, 4, 7, 8-HxCDF: (0.000089 to 3.00) ng / m³
1, 2, 3, 6, 7, 8-HxCDF: (0.000089 to 3.00) ng / m³
2, 3, 4, 6, 7, 8-HxCDF: (0.000100 to 3.00) ng / m³
1, 2, 3, 7, 8, 9-HxCDF: (0.000071 to 3.00) ng / m³
1, 2, 3, 4, 6, 7, 8-HpCDF: (0.000350 to 3.00) ng / m³
1, 2, 3, 4, 7, 8, 9-HpCDF: (0.000068 to 3.00) ng / m³
OCDF: (0.001316 to 6.00) ng / m³
2, 3, 7, 8-TeCDD: (0.000044 to 0.60) ng / m³
1, 2, 3, 7, 8-PeCDD: (0.000152 to 3.00) ng / m³
1, 2, 3, 4, 7, 8-HxCDD: (0.000085 to 3.00) ng / m³
1, 2, 3, 6, 7, 8-HxCDD: (0.000114 to 3.00) ng / m³
1, 2, 3, 7, 8, 9-HxCDD: (0.000119 to 3.00) ng / m³
1, 2, 3, 4, 6, 7, 8-HpCDD: (0.000476 to 3.00) ng / m³
OCDD: (0.003873 to 6.00) ng / m³
Total: (0.00731 to 52.2) ng / m³
Total TEQ: (0.000278 to 6.012) ng I-TEQ/ m³

報告簽署人: 余建源; 陳福冠; 黃明豐

▼ 14.09 生物科技

植物

C227 戴奧辛

自訂方法-生物組織中戴奧辛及呋喃檢測方法(文件編號: DA-其它類-第2章), 參考
NIEA M801 及衛生福利部 112.08.15 衛授食字第 1121901392 號公告公告訂定
MOHW0026.01, 食品中戴奧辛/呋喃及多氯聯苯之檢驗方法

2, 3, 7, 8-TeCDF: (0.025 to 10) pg/g
1, 2, 3, 7, 8-PeCDF: (0.050 to 50) pg/g
2, 3, 4, 7, 8-PeCDF: (0.050 to 50) pg/g
1, 2, 3, 4, 7, 8-HxCDF: (0.050 to 50) pg/g
1, 2, 3, 6, 7, 8-HxCDF: (0.050 to 50) pg/g
2, 3, 4, 6, 7, 8-HxCDF: (0.050 to 50) pg/g
1, 2, 3, 7, 8, 9-HxCDF: (0.050 to 50) pg/g
1, 2, 3, 4, 6, 7, 8-HpCDF: (0.050 to 50) pg/g
1, 2, 3, 4, 7, 8, 9-HpCDF: (0.050 to 50) pg/g
OCDF: (0.100 to 100) pg/g
2, 3, 7, 8-TeCDD: (0.025 to 10) pg/g
1, 2, 3, 7, 8-PeCDD: (0.050 to 50) pg/g
1, 2, 3, 4, 7, 8-HxCDD: (0.050 to 50) pg/g
1, 2, 3, 6, 7, 8-HxCDD: (0.050 to 50) pg/g



1, 2, 3, 7, 8, 9-HxCDD: (0.050 to 50) pg/g
1, 2, 3, 4, 6, 7, 8-HpCDD: (0.050 to 50) pg/g
OCDD: (0.100 to 100) pg/g
Total: (0.900 to 870) pg/g
Total TEQ: (0.131 to 114.1) pg WHO-TEQ/g, (0.117 to 100.2) pg I-TEQ/g

報告簽署人: 余建源; 陳福冠; 黃明豐

▼ 14.99 生物科技

血液

C227 戴奧辛

自訂方法-血液中戴奧辛及呋喃檢測方法 (文件編號: DA-其它類-第3章), 參考自 NIEA M801

2, 3, 7, 8-TeCDF: (2.0 to 2000) pg/g 脂肪
1, 2, 3, 7, 8-PeCDF: (5.0 to 10000) pg/g 脂肪
2, 3, 4, 7, 8-PeCDF: (5.0 to 10000) pg/g 脂肪
1, 2, 3, 4, 7, 8-HxCDF: (5.0 to 10000) pg/g 脂肪
1, 2, 3, 6, 7, 8-HxCDF: (5.0 to 10000) pg/g 脂肪
2, 3, 4, 6, 7, 8-HxCDF: (5.0 to 10000) pg/g 脂肪
1, 2, 3, 7, 8, 9-HxCDF: (5.0 to 10000) pg/g 脂肪
1, 2, 3, 4, 6, 7, 8-HpCDF: (5.0 to 10000) pg/g 脂肪
1, 2, 3, 4, 7, 8, 9-HpCDF: (5.0 to 10000) pg/g 脂肪
OCDF: (10.0 to 20000) pg/g 脂肪
2, 3, 7, 8-TeCDD: (2.0 to 2000) pg/g 脂肪
1, 2, 3, 7, 8-PeCDD: (5.0 to 10000) pg/g 脂肪
1, 2, 3, 4, 7, 8-HxCDD: (5.0 to 10000) pg/g 脂肪
1, 2, 3, 6, 7, 8-HxCDD: (5.0 to 10000) pg/g 脂肪
1, 2, 3, 7, 8, 9-HxCDD: (5.0 to 10000) pg/g 脂肪
1, 2, 3, 4, 6, 7, 8-HpCDD: (5.0 to 10000) pg/g 脂肪
OCDD: (10.0 to 20000) pg/g 脂肪
Total: (89.0 to 174000) pg/g 脂肪
Total TEQ: (12.5 to 22812) pg-WHO-TEQ/g 脂肪

報告簽署人: 余建源; 陳福冠; 黃明豐

(以下空白)

