

## PC-02

### 臺南市東山區咖啡豆中丙烯醯胺、赭麴毒素 A 及殘留農藥 之調查研究

### Survey on Acrylamide, Ochratoxin A and Pesticide Residues of Dongshan Coffee in Tainan

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為瞭解本市東山區在地生產之咖啡豆中丙烯醯胺、赭麴毒素A及殘留農藥之現況，本局於108年3月至4月與東山區農會配合，採集該區自產咖啡豆，烘焙前及烘焙後咖啡豆各25件，總計50件咖啡豆。丙烯醯胺、赭麴毒素A及殘留農藥之檢驗方法均依據衛生福利部公告檢驗方法或食品藥物管理署公開建議方法。檢驗結果顯示：在丙烯醯胺檢驗，烘焙後25件檢體檢出含量介於30~200ppb之間，結果均符合食品藥物管理署發布「食品中丙烯醯胺指標值參考指引-烘焙咖啡450ppb以下」；在赭麴毒素A檢驗，烘焙前及烘焙後均未檢出，結果均符合衛生福利部102年08月20日部授食字第1021350146號令修正公告「食品中赭麴毒素A限量-烘焙咖啡豆及咖啡粉5 ppb以下」，合格率100%；在殘留農藥檢驗，烘焙前及烘焙後均未檢出，合格率100%，其調查結果供參考。

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### **Survey on Acrylamide, Ochratoxin A and Pesticide Residues of Dongshan Coffee in Tainan**

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To find out the concentration of Acrylamide, Ochratoxin A and Pesticide Residues in local coffee beans, Tainan health bureau cooperated with Dongshan farmers association to collect 50 coffee beans samples (25 green beans and 25 roasted coffee ). The examination procedures of Acrylamide, Ochratoxin A and Pesticide Residues are all based on the official announced methods by TFDA. The results show that, first these 25 roasted coffee samples contain Acrylamide within 30~200 ppb which fulfill TFDA announced specification below the standard limit of 450 ppb. Second on Ochratoxin A examination part, there is nothing detected in these green beans and roasted coffee samples, which also match TFDA's official specification announced on 08/20/2013--number 1021350146 announcement 「Ochratoxin A in coffee beans and coffee grounds with the standard limit of 5 ppb」. Last examination on Pesticide Residues also represents 100% pass rate with nothing detected in these coffee beans samples. This survey is for reference only.