

食品中殘留農藥檢驗之建議方法清單

編號	品項		建議方法
	英文名稱	中文名稱	
1	1-Methylcyclopropene		(1) Pest Management Regulatory Agency, Health Canada. 2004. 1-Methylcyclopropene. Regulatory note REG2004-07. (2) Verona, D., Nergo, G., and Niemczura, M. 2002. Analytical method for the determination of 1-MCP in apples. Technical report No. AF-01-176, AgroFresh Inc.
2	Alanycarb		アラニカルブ試験法(農産物)*
3	Aminopyralid		Tian, Y., Liu, X., Dong, F., Xu, J., Lu, C., Kong, Z., Wang, Y. and Zheng, Y. 2012. Simultaneous determination of aminopyralid, clopyralid, and picloram residues in vegetables and fruits using ultra-performance liquid chromatography/tandem mass spectrometry. J. AOAC Int. 95: 554-559.
4	Azafenidin	草芬定	Lee, H. M., Park, S. S., Lim, M. S., Lee, H. S., Park, H. J., Hwang, H. S., Park, S. Y. and Cho, D. H. 2013. Multiresidue analysis of pesticides in agricultural products by a liquid chromatography/tandem mass spectrometry based method. Food Sci. Biotechnol., 22: 1205-1216.
5	Bensultap	免速達	カルタップ、ベンスルタップ及びチオシクロラム試験法(農産物)*
6	Cartap	培丹	
7	Thiocyclam	硫賜安	
8	Bioresmethrin		CEN. 2018. Foods of plant origin - Multimethod for the determination of pesticide residues using GC- and LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE - modular QuEChERS-method; English version NF EN 15662:2018.
9	Captafol	四氯丹	EURL. 2010. Analysis of pesticide residues in fruit and vegetables with ethyl acetate extraction using gas and
10	Captan	蓋普丹	

公開日期：102 年 8 月 26 日
 第 1 次修正：106 年 4 月 26 日
 第 2 次修正：108 年 10 月 29 日
 第 3 次修正：109 年 4 月 17 日
 第 4 次修正：109 年 10 月 20 日
 TFDAP0003.04

編號	品項		建議方法
	英文名稱	中文名稱	
11	Dichlofluanid	益發靈	liquid chromatography with tandem mass spectrometric detection 0.1. EURL-FV (2010-M4)
12	DCIP	滅線蟲	DCIP 試驗法*
13	Diafenthiuron	汰芬隆	Wang, L. Q., Ge, H. G., Wang, Y. F. and Ge, B. K. 2015. Determination of diafenthiuron and its metabolites residue in apple by QuEChERS-high performance liquid chromatography-tandem mass spectrometry. J. Food Saf. Qual. 6: 436-441.
14	Dicamba		Guo, H., Riter, L. S., Wujcik, C. E. and Armstrong, D. W. 2016. Quantitative analysis of dicamba residues in raw agricultural commodities with the use of ion-pairing reagents in LC-ESI-MS/MS. Talanta 149: 103-109.
15	Ethoxyquin		エトキシキン試験法(農産物)*
16	Fluoroimide		Kim, M. J., Jung, S. S., Park, J. S., Kim, J. E., Lee, Y. D., Kim, J. H. and Oh, C. H. 2005. Application of the pesticide multiresidue analysis method for potatoes and carrots. Korean J. Food Sci. Technol. 37: 304-307.
17	Hymexazol	殺紋寧	Jiang, Z., Li, H., Cao, X., Du, P., Shao, H., Jin, F., Maojun J. and Wang, J. 2017. Determination of hymexazol in 26 foods of plant origin by modified QuEChERS method and liquid chromatography tandem-mass spectrometry. Food Chem. 228: 411-419.
18	Iminoctadine	克熱淨(醋酸鹽或 烷苯磺酸鹽)	イミノクタジン試験法*
19	Kasugamycin	嘉賜黴素	Anastassiades, M., Kolberg, D. I., Eichhorn, E., Wachtler, A.-K., Benkenstein, A., Zechmann S., Mack, D., Wildgrube, C., Barth, A., Sigalov, I., Görlich, S., Dörk, D. and Cerchia, G. 2019. Quick method for the analysis of numerous highly polar pesticides in food involving extraction with acidified methanol and LC-MS/MS measurement I. Food of plant origin (QuPpe-PO-Method)-Version 10.1. EURL-SRM.

公開日期：102 年 8 月 26 日
 第 1 次修正：106 年 4 月 26 日
 第 2 次修正：108 年 10 月 29 日
 第 3 次修正：109 年 4 月 17 日
 第 4 次修正：109 年 10 月 20 日
 TFDAP0003.04

編號	品項		建議方法
	英文名稱	中文名稱	
20	MAFA	鐵甲砷酸銨	Odanaka, Y., Tsuchiya, N., Matano, O. and Goto, S. 1987. Absorption, translocation and metabolism of the arsenical fungicides, iron methanearsonate and ammonium iron methanearsonate, in rice plants. J. Pestic. Sci. 12: 199-208.
21	Metham-sodium	斯美地	ダゾメット、メタム及びメチルイソチオシアネート試験法(農作物)*
22	Milbemectin	密滅汀	LC/MS による農薬等の一斉試験法 I (農産物)*
23	MSMA	甲基砷酸鈉	Batista, B. L., Nacano, L. R., De Souza, S. S. and Barbosa Jr, F. 2012. Rapid sample preparation procedure for As speciation in food samples by LC-ICP-MS. Food Addit. Contam. Part A 29: 780-788.
24	Oxine-copper	快得寧	オキシ銅試験法(参考)旧作物残留に係る登録保留基準試験法*
25	Phosphine	磷化氫	Wittayanant, W., Jongmevasna, W., Kaewklapanacharoen, L. and Atisook, K. 2017. Method development and validation of hydrogen phosphide and inorganic bromide determined as fumigant residues in commercialized rice grains in Thailand. Int. Food Res. J. 24: 1204-1211.
26	Tecloftalam	克枯爛	テクロフタラム試験法*
27	Tralomethrin	泰滅寧	による農薬等の一斉試験法(農産物)*
28	Tridemorph	三得芬	GC/MS による農薬等の一斉試験法(農産物)*
29	Glyphosate	嘉磷塞	Oulkar, D. P., Hingmire, S., Goon, A., Jadhav, M., Ugare, B., Thekkumpurath, A. S. and Banerjee, K. 2017. Optimization and validation of a residue analysis method for glyphosate, glufosinate, and their metabolites in plant matrixes by liquid chromatography with tandem mass spectrometry. J. AOAC Int. 100: 631-639.
30	Glufosinat	固殺草	

*日本厚生労働省 <http://www.mhlw.go.jp/topics/bukyoku/iyaku/syoku-anzen/zanryu3/siken.html> 所列之通知試験法或告示試験法。

註：檢體中有影響檢驗結果之物質時，應自行探討。