

動物用藥殘留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	Arsanilic acid	胺苯亞砷酸	Wei, H., Tao, Y., Chen, D., Xie, S., Pan, Y., Liu, Z., Huang, L. and Yuan, Z. 2015. Development and validation of a multi-residue screening method for veterinary drugs, their metabolites and pesticide in meat using liquid chromatography-tandem mass spectrometry. Food Addit. Contam. Part A 32: 686-701.
2	Avilamycin	阿美拉黴素	Saito-Shida, S., Hayashi, T., Nemoto, S. and Akiyama, H. 2018. Determination of total avilamycin residues as dichloroisoevernic acid in porcine muscle, fat, and liver by LC-MS/MS. Food Chem. 249: 84-90.
3	Betamethasone	貝他美沙松	Malone, E. M., Dowling, G., Elliott, C. T., Kennedy, D. G. and Regan, L. 2009. Development of a rapid, multi-class method for the confirmatory analysis of anti-inflammatory drugs in bovine milk using liquid chromatography tandem mass spectrometry. J. Chromatogr. A 1216: 8132-8140.
4	Dexamethasone	氟化甲基脫氫皮質醇	
5	Gamithromycin	加米黴素	Yan, Y., Zhang, H., Ai, L., Kang, W., Lian, K. and Wang, J. 2021. Determination of gamithromycin residues in eggs, milk and edible tissue of food-producing animals by solid phase extraction combined with ultrahigh-performance liquid chromatography-tandem mass spectrometry. J. Chromatogr. B 1171: 122637.
6	Hydrocortisone	—	Kaufmann, A., Butcher, P., Maden, K., Walker, S. and Widmer, M. 2014. Determination of corticosteroids, anabolic steroids, and basic nonsteroidal anti-inflammatory drugs in milk and animal tissues. J. AOAC Int. 97: 263-272.
7	Melengestrol acetate	—	Rejtharová, M. and Rejthar, L. 2013. Development and validation of an LC-MS/MS method for the determination of six gestagens in kidney fats. Food Addit. Contam. Part A 30: 995-999.
8	Altrenogenst	烯丙孕素	
9	Nosiheptide	六肽黴素	Jiang, H., Zhai, W., Xia, X., Ding, S., Xu, F., Shen, J., Li, X., and Liu, J. 2010. LC determination of nosiheptide in swine kidney and liver. Chromatographia 71: 131-134.
10	Oxibendazole	奧苯達唑	Kinsella, B., Lehotay, S. J., Mastovska, K., Lightfield, A. R., Furey, A. and Danaher, M. 2009. New method for the analysis of flukicide and other anthelmintic residues in bovine milk and liver using liquid chromatography-tandem mass spectrometry. Anal. Chim. Acta 637: 196-207.
11	Paromomycin	巴龍黴素	Nowacka-Kozak, E., Gajda, A. and Gbylik-Sikorska, M. 2023. Analysis of aminoglycoside antibiotics: a challenge in food control. Molecules 28: 4595.
12	Tildipirosin	泰地羅新	Jung, Y. S., Kim, D. B., Nam, T. G., Seo, D. and Yoo, M. 2022. Identification and quantification of multi-class veterinary drugs and their metabolites in beef using LC-MS/MS. Food Chem. 382: 132313.

13	Toltrazuril	—	Martínez-Villalba, A., Moyano, E., Martins, C. P. B. and Galceran, M. T. 2010. Fast liquid chromatography/tandem mass spectrometry (highly selective selected reaction monitoring) for the determination of toltrazuril and its metabolites in food. Anal. Bioanal. Chem. 397: 2893-2901.
14	Sulpyrine	—	Zhang, C., Zhang, L., Cao, S., Jiang, Z., Wu, H., Yan, M., Zhang, X., Jiang, S. and Xue, F. 2016. Simultaneous determination of residues of dipyrone metabolites in goat tissues by hydrophilic interaction liquid chromatography tandem mass spectrometry. Food Chem. 196: 83-89

註：檢體中有影響檢驗結果之物質時，應自行探討