

药物残留与致病菌检测

饲料中三聚氰胺的ELISA检测方法的探讨

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摘要:

试验利用BRAXIS试剂盒和自制(经气相色谱质谱法确证不含三聚氰胺)三聚氰胺添加量为2 mg/kg的配合料和浓缩料作为阳性对照样品,对100批次饲料产品的进行了三聚氰胺筛选,并将两种方法的筛选结果按照NY/T1372-2007中的气相色谱质谱法进行了确证和比较。试验结果表明:利用三聚氰胺添加量为2 mg/kg配合料和浓缩料为阳性对照样品,对样品的筛选结果,要比使用BRAXIS试剂盒的内制曲线筛选的结果,产生的假阳性少,准确率相对要高。

关键词: 三聚氰胺;检测;ELISA方法

Discussion on Melamine Determination in Feed by ELISA Method

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Abstract:

The research made use of BRAXIS kit and self-made compound and concentrated feed(via gas chromatography-mass spectrometry confirmed melamine-free) that melamine adding amount is 2 mg/kg as a positive control sample, screened melamine in 100 batches of pig and chicken feed products. Screening results of two methods in accordance were confirmed and compared with NY/T1372-2007 gas chromatography-mass spectrometry. The results showed that: the use of compound and concentrated feed that melamine adding amount is 2mg/kg as a positive control sample, the results were in fewer false-positive rate and higher accuracy than the use of BRAXIS Kit for the results of screening within the system of curves.

Keywords: melamine determination ELISA method

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